

8/13/05 10/693,161

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 18:11:14 ON 13 AUG 2005

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

0.42

FILE 'REGISTRY' ENTERED AT 18:12:13 ON 13 AUG 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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STRUCTURE FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7

DICTIONARY FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

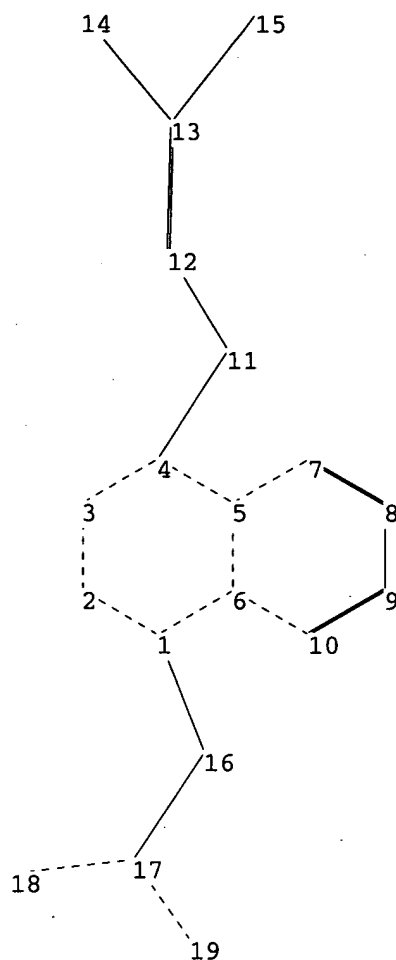
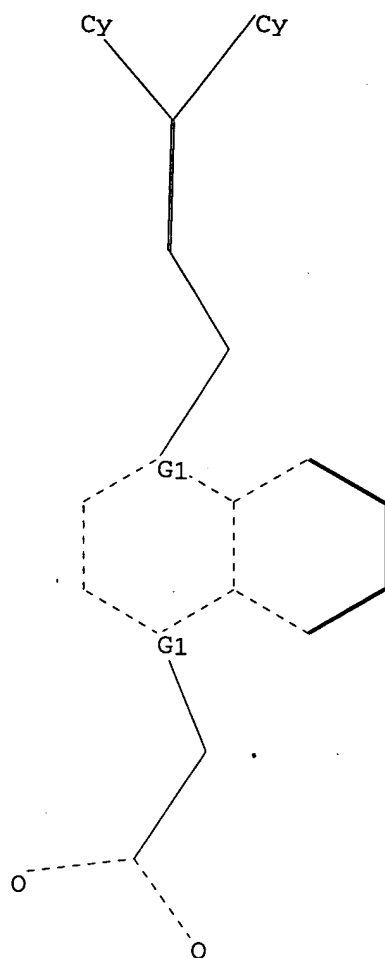
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10693161\10693161f.str



chain nodes :

11 12 13 14 15 16 17 18 19

ring nodes :

1 2 3 4 5 6 7 8 9 10

chain bonds :

1-16 4-11 11-12 12-13 13-14 13-15 16-17 17-18 17-19

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10

exact/norm bonds :

1-2 1-6 1-16 2-3 3-4 4-5 4-11 5-6 5-7 6-10 7-8 8-9 9-10 11-12 12-13
13-14 13-15 16-17 17-18 17-19

G1:O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:Atom 15:Atom 16:CLASS 17:CLASS 18:CLASS
19:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s L1

SAMPLE SEARCH INITIATED 18:12:35 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 7 TO ITERATE

100.0% PROCESSED 7 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 7 TO 298

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s L1 full

FULL SEARCH INITIATED 18:12:39 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 95 TO ITERATE

100.0% PROCESSED 95 ITERATIONS

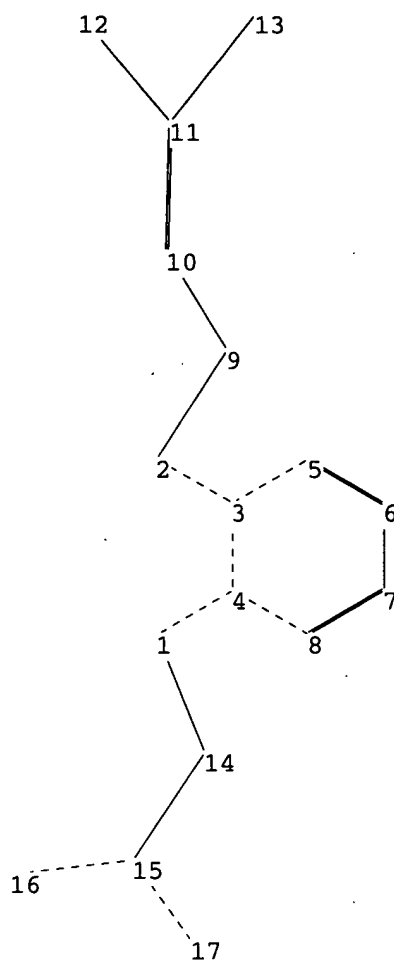
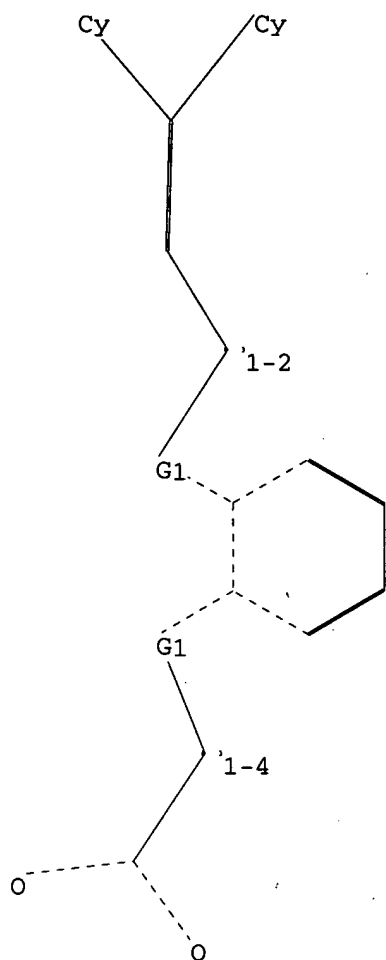
0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=>

Uploading C:\Program Files\Stnexp\Queries\10693161\1069316gf.str



```

chain nodes :
1 2 9 10 11 12 13 14 15 16 17
ring nodes :
3 4 5 6 7 8
chain bonds :
1-14 1-4 2-9 2-3 9-10 10-11 11-12 11-13 14-15 15-16 15-17
ring bonds :
3-4 3-5 4-8 5-6 6-7 7-8
exact/norm bonds :
1-14 1-4 2-9 2-3 3-4 3-5 4-8 5-6 6-7 7-8 11-12 11-13 15-16 15-17
exact bonds :
9-10 10-11 14-15

```

G1:O,S

Match level :

```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS 10:CLASS
11:CLASS 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS

```

L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s L4

SAMPLE SEARCH INITIATED 18:14:16 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 24709 TO ITERATE

8.1% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 484777 TO 503583
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> s L4 full

FULL SEARCH INITIATED 18:14:20 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 489333 TO ITERATE

100.0% PROCESSED 489333 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.08

L6 0 SEA SSS FUL L4

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	325.24	325.66

FILE 'REGISTRY' ENTERED AT 18:16:53 ON 13 AUG 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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STRUCTURE FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7
DICTIONARY FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

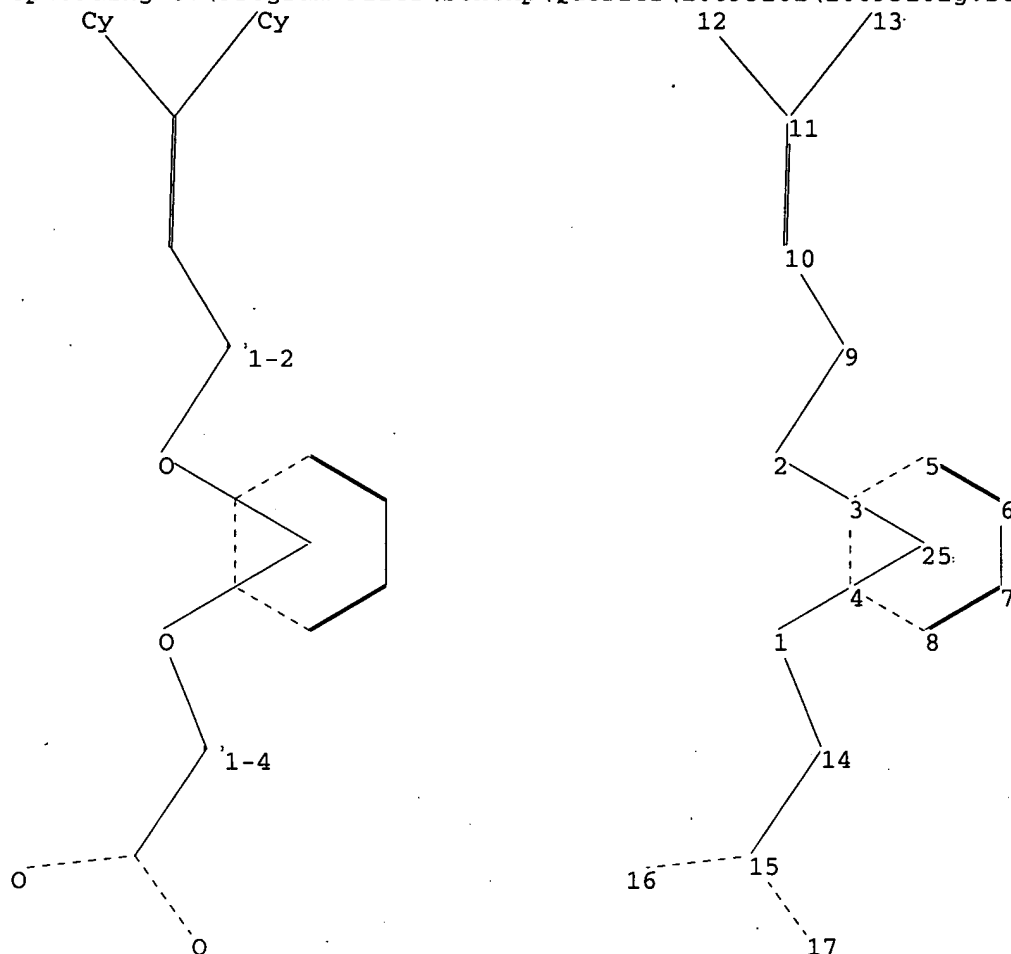
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10693161\10693161g.str



chain nodes :

1 2 9 10 11 12 13 14 15 16 17

ring nodes :

3 4 5 6 7 8

chain bonds :

1-14 2-9 9-10 10-11 11-12 11-13 14-15 15-16 15-17

ring bonds :

3-5 3-4 4-8 5-6 6-7 7-8

exact/norm bonds :

1-14 2-9 3-5 3-4 4-8 5-6 6-7 7-8 11-12 11-13 15-16 15-17

exact bonds :

9-10 10-11 14-15

G1:O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS 10:CLASS
 11:CLASS 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 24:CLASS
 25:CLASS

L7 STRUCTURE UPLOADED

=> d

L7 HAS NO ANSWERS

L7 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s L7

SAMPLE SEARCH INITIATED 18:17:17 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 19140 TO ITERATE

10.4% PROCESSED 2000 ITERATIONS

1 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 374519 TO 391081

PROJECTED ANSWERS: 6 TO 376

L8 1 SEA SSS SAM L7

=> s L7 full

FULL SEARCH INITIATED 18:17:24 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 384020 TO ITERATE

100.0% PROCESSED 384020 ITERATIONS

190 ANSWERS

SEARCH TIME: 00.00.08

L9 190 SEA SSS FUL L7

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

161.33

486.99

FILE 'CAPLUS' ENTERED AT 18:17:44 ON 13 AUG 2005

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FILE COVERS 1907 - 13 Aug 2005 VOL 143 ISS 8

FILE LAST UPDATED: 12 Aug 2005 (20050812/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s L9
L10      2 L9
=> d ibib abs 1-2
```


L10 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:370892 CAPLUS
DOCUMENT NUMBER: 140:374984

TITLE: Preparation of [[diarylethyl]sulfanyl]phenoxy]acetic acids and esters as PPAR activators for treatment of diabetes and related conditions

INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per; Pihara, Pavel; Havranek, Miroslav

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037776	A2	20040506	WO 2003-DK722	20031027
WO 2004037776	A3	20040610		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MG, MK, MN, MW, MX, MY, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005070583	A1	20050311	US 2003-693161	20031024
CA 2503280	AA	20040506	CA 2003-2503280	20031027
EP 1558572	A2	20050803	EP 2003-757741	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.: DK 2002-1631 A 20021028				
DK 2003-793 A 20030526				
US 2002-423467P P 20021104				
WO 2003-DK722 W 20031027				

OTHER SOURCE(S): MARPAT 140:374984
OI

L10 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:220310 CAPLUS
DOCUMENT NUMBER: 140:270625

TITLE: Preparation of [[bis(biphenyl)allyl]oxy]phenoxy]acetic acids and analogs as PPAR8 agonists for treatment of diabetes and related conditions

INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per; Novo Nordisk A/S, Den.

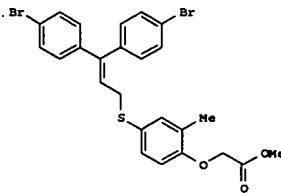
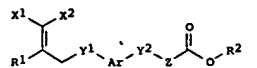
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 78 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004022533	A1	20040318	WO 2003-DK578	20030904
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MG, MK, MN, MW, MX, MY, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2499380	AA	20040318	CA 2003-2499380	20030904
US 2004143006	A1	20040722	US 2003-654699	20030904
EP 1537076	A1	20050608	EP 2003-793608	20030904
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.: DK 2002-1301 A 20020905				
DK 2003-784 A 20030523				
US 2002-409814P P 20020911				
WO 2003-DK578 W 20030904				

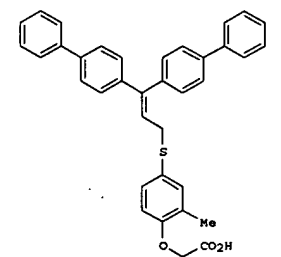
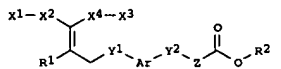
OTHER SOURCE(S): MARPAT 140:270625
OI

L10 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



AB Title compds. I (wherein X1 and X2 = independently (un)substituted (hetero)aryl; Ar = (un)substituted arylene; Y1 and Y2 = independently O or S; Z = (CH2)n; n = 1-3; R1 = H, halo, or optionally halo-substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomeric forms, stereoisomers, mixts. of stereoisomers, or polymorphs thereof) were prepared as peroxisome proliferator activated receptors (PPAR) activators (no data). Thus, I and their pharmaceutical compns. are useful for the treatment and/or prevention of conditions mediated by PPAR, particularly subtype PPAR8, such as diabetes, impaired glucose tolerance, insulin resistance, obesity, dyslipidemia, syndrome X, cardiovascular disease, and hypercholesterolemia (no data). For example, coupling of 4,4'-dibromobenzophenone with tri-Et phosphonacetate and THF using NaH provided Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction of the ester to the alc. (76%) using DIBAL-H in THF and toluene, followed by reaction with (4-mercapto-2-methylphenoxy)acetic acid Me ester in the presence of ADBP and tributylphosphine in THF gave II (88%).

L10 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



AB Title vinyl carboxylic acid deriva. I (wherein X1 and X3 = independently (un)substituted (hetero)aryl; X2 and X4 = independently (un)substituted (hetero)arylene; Ar = (un)substituted arylene; Y1 and Y2 = independently O or S; Z = (CH2)n; n = 1-3; R1 = H, halo, or (un)substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomers, stereoisomers, or polymorphs thereof) were prepared as peroxisome proliferator-activated receptor 8 (PPAR8) agonists (no data). For example, 4,4'-dibromobenzophenone was coupled with tri-Et phosphonacetate in the presence of NaH in toluene to give Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction using DIBAL-H in THF (76%), followed by ADBP-catalyzed condensation with (4-mercapto-2-methylphenoxy)acetic acid Me ester in THF (88%) afforded [4-[3,3-bis(4-bromophenyl)allyl]sulfanyl]-2-methylphenoxy]acetic acid Me ester. Saponification (93%) and substitution with phenylboronic acid using KF, Pd2(dba)3, and Pd[P(t-Bu)3]2 in THF (53%) provided II. Also disclosed is the use of I and their pharmaceutical compns. for the treatment of PPAR8-mediated conditions, such as diabetes, impaired glucose tolerance, insulin resistance, or obesity (no data). REFERENCE COUNT: 7 THESE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ibib abs 1-2 fhitstr

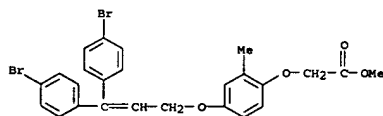
L10 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS ON STN

ACCESSION NUMBER: 2004:370892 CAPLUS
DOCUMENT NUMBER: 140:374984
TITLE: Preparation of [(diarylethyl)sulfanyl]phenoxy]acetic acids and esters as PPAR activators for treatment of diabetes and related conditions
INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per; Pihara, Pavel; Havranek, Miroslav
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

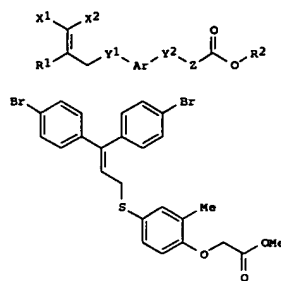
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037776	A2	20040506	WO 2003-DK722	20031027
WO 2004037776	A3	20040610		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2005070583	A1	20050331	US 2003-693161	20031024
CA 2503280	AA	20040506	CA 2003-2503280	20031027
EP 1558572	A2	20050803	EP 2003-757741	20031027
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRIORITY APPLN. INFO.:			DK 2002-1631	A 20021028
			DK 2003-793	A 20030526
			US 2002-423467P	P 20021104
			WO 2003-DK722	W 20031027

OTHER SOURCE(S): MARPAT 140:374984
GI

L10 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS ON STN (Continued)



L10 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS ON STN (Continued)



AB Title compds. I [wherein X1 and X2 = independently (un)substituted (hetero)aryl; Ar = (un)substituted arylene; Y1 and Y2 = independently O or S; Z = (CH2)n; n = 1-3; R1 = H, halo, or optionally halo-substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)alkoxy, (cyclo)alkoxy, aryloxy, (hetero)alkoxy, (cyclo)alkylthio, or arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, alkenyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomeric forms, stereoisomers, mixts. of stereoisomers, or polymorphs thereof] were prepared as peroxisome proliferator activated receptors (PPAR) activators (no data). Thus, I and their pharmaceutical compns. are useful for the treatment and/or prevention of conditions mediated by PPAR, particularly subtype PPAR δ , such as diabetes, impaired glucose tolerance, insulin resistance, obesity, dyslipidemia, syndrome X, cardiovascular disease, and hypercholesterolemia (no data).

For example, coupling of 4,4'-dibromobenzophenone with tri-*i*-Et phosphonate in toluene and THF using NaH provided Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction of the ester to the alc. (76%) using DIBAL-H in THF and toluene, followed by reaction with (4-mercapto-2-methylphenoxy)acetic acid Me ester in the presence of ADPP and tributylphosphine in THF gave II (85%).

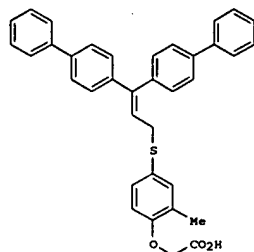
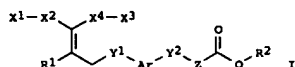
IT 685138-70-9p. [4-[[3,3-bis(4-bromophenyl)allyloxy]-2-methylphenoxy]acetic acid methyl ester
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(PPAR activator; preparation of
[[diarylethyl)sulfanyl]phenoxy]acetates as
PPAR activators for treatment of diabetes and related conditions)
RN 685138-70-9 CAPLUS
Acetic acid,
[4-[[3,3-bis(4-bromophenyl)-2-propenyl]oxy]-2-methylphenoxy]-
methyl ester (9CI) (CA INDEX NAME)

L10 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS ON STN

ACCESSION NUMBER: 2004:220310 CAPLUS
DOCUMENT NUMBER: 140:270625
TITLE: Preparation of [[bis(biphenyl)allyl]oxy]phenoxy]acetic acids and analogs as PPAR δ agonists for treatment of diabetes and related conditions
INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 78 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004022533	A1	20040318	WO 2003-DK578	20030904
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2499380	AA	20040318	CA 2003-2499380	20030904
US 2004143006	A1	20040722	US 2003-654699	20030904
EP 1537076	AL	20050608	EP 2003-793608	20030904
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRIORITY APPLN. INFO.:			DK 2002-1301	A 20020905
			DK 2003-784	A 20030523
			US 2002-409814P	P 20020911
			WO 2003-DK578	W 20030904

OTHER SOURCE(S): MARPAT 140:270625
GI



AB Title vinyl carboxylic acid derivs. I [wherein X1 and X3 = independently (un)substituted (hetero)aryl; X2 and X4 = independently (un)substituted (hetero)arylene; Ar = (un)substituted arylene; Y1 and Y2 = independently

O or S; Z = (CH2)n; n = 1-3; R1 = H, halo, or (un)substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomers, stereoisomers, or polymorphs thereof] were prepared as peroxisome proliferator-activated receptor δ (PPAR δ) agonists (no data). For example, 4,4'-dibromobenzophenone was coupled with tri-Et phosphonoacetate in the presence of NaH in toluene to give Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction using DIBAL-H in THF (76%), followed by ADMP-catalyzed condensation with (4-mercapto-2-methylphenoxy)acetic acid Me ester in THF (88%) afforded [4-(3,3-bis(4-bromophenyl)allylsulfanyl)-2-methylphenoxy]acetic acid Me ester. Saponification (93%) and substitution with phenylboronic acid using KF, Pd2(dba)3, and Pd[P(t-Bu)3]2 in THF (53%) provided II. Also disclosed is the use of I and their pharmaceutical comps. for the treatment of PPAR δ -mediated conditions, such as diabetes, impaired glucose tolerance, insulin resistance, or obesity (no data).

IT 673479-21-5P, [4-([3,3-bis(biphenyl-4-yl)allyloxy]-2-methylphenoxy)acetic acid

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

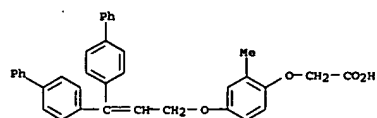
as (PPAR δ agonist; preparation of di(hetero)arylvinyl carboxylic acids

L10 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

PPAR δ agonists for treatment of diabetes and related conditions)

RN 673479-21-5 CAPLUS

CN Acetic acid, [4-([3,3-bis([1,1'-biphenyl]-4-yl)-2-propenyl]oxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

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COST IN U.S. DOLLARS

SINCE FILE
ENTRY
16.98

TOTAL
SESSION
503.97

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE
ENTRY
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TOTAL
SESSION
-2.92

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10/693,16/a. 8/13/05
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NEWS WWW CAS World Wide Web Site (general information)

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SINCE FILE

TOTAL

ENTRY

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FULL ESTIMATED COST

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0.21

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STRUCTURE FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7

DICTIONARY FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7

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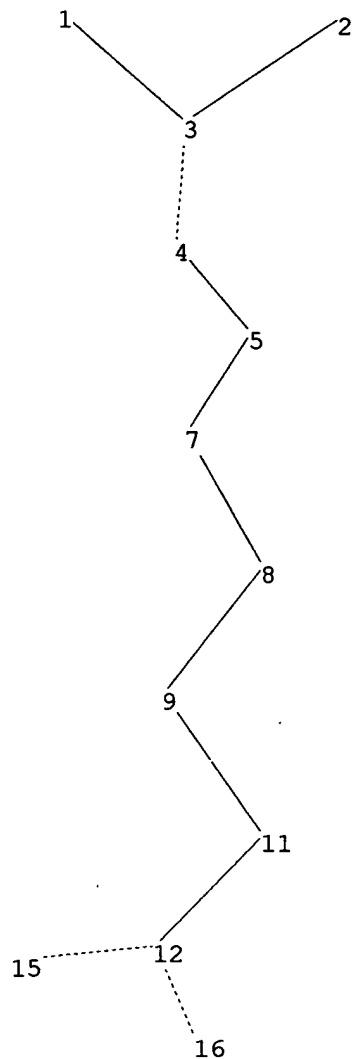
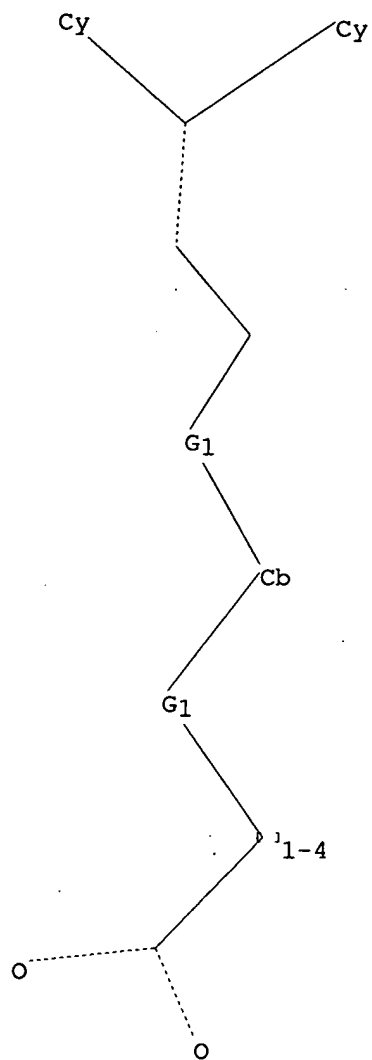
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10693161a.str



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1 2 3 4 5 7 8 9 11 12 15 16
chain bonds :
1-3 2-3 3-4 4-5 5-7 7-8 8-9 9-11 11-12 12-15 12-16
exact/norm bonds :
1-3 2-3 3-4 5-7 7-8 8-9 9-11 12-15 12-16
exact bonds :
4-5 11-12

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G1:O,S

Match level :

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1:Atom 2:Atom 3:CLASS 4:CLASS 5:CLASS 7:CLASS 8:Atom 9:CLASS 11:CLASS
12:CLASS 15:CLASS 16:CLASS

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L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s L1

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SAMPLE SCREEN SEARCH COMPLETED - 212694 TO ITERATE

0.9% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**

PROJECTED ITERATIONS: EXCEEDS 1000000

PROJECTED ANSWERS: EXCEEDS 0

L2 0 SEA SSS SAM L1

=> s L1 full

FULL SEARCH INITIATED 16:57:23 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

< 12.0% PROCESSED 509617 ITERATIONS 0 ANSWERS

< 17.7% PROCESSED 750811 ITERATIONS 537 ANSWERS

<-----User Break----->

< 21.8% PROCESSED 927924 ITERATIONS 537 ANSWERS

SEARCH ENDED BY USER

SEARCH TIME: 00.00.47

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**

PROJECTED ITERATIONS: EXCEEDS 1000000

PROJECTED ANSWERS: EXCEEDS 2313

L3 537 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 16:58:15 ON 13 AUG 2005

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FILE COVERS 1907 - 13 Aug 2005 VOL 143 ISS 8

FILE LAST UPDATED: 12 Aug 2005 (20050812/ED)

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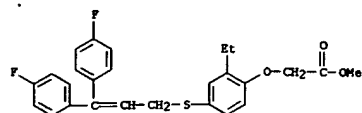
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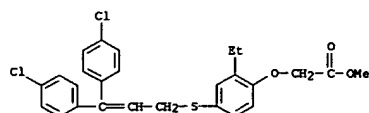
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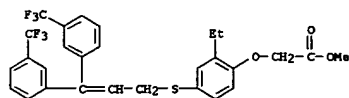
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 , methyl ester (9CI) (CA INDEX NAME)



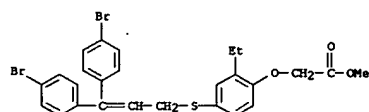
RN 685138-91-4 CAPLUS
CN Acetic acid, [4-[[3,3-bis(4-chlorophenyl)-2-propenyl]thio]-2-ethylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



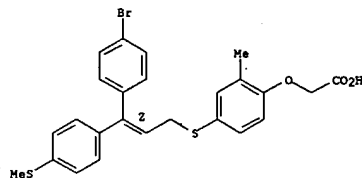
RN 685138-95-8 CAPLUS
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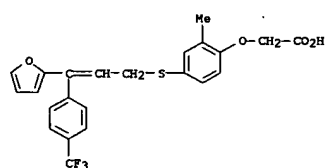
RN 685138-97-0 CAPLUS
CN Acetic acid, [4-[[3,3-bis(4-bromophenyl)-2-propenyl]thio]-2-ethylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



RN 685138-99-2 CAPLUS
CN Acetic acid, [4-[[3,3-bis(4-bromophenyl)-2-propenyl]thio]-2-chlorophenoxy]-, methyl ester (9CI) (CA INDEX NAME)

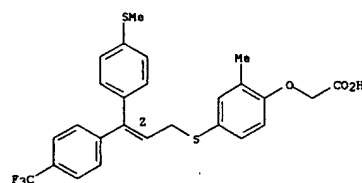


RN 685139-24-6 CAPLUS
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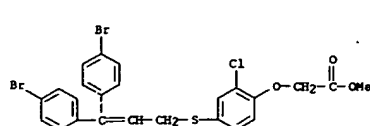


RN 685139-32-6 CAPLUS
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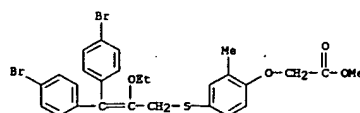
Double bond geometry as shown.



RN 685139-35-9 CAPLUS
CN Acetic acid, [4-[[3-benzo[b]thien-3-yl-3-(4-(trifluoromethyl)phenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

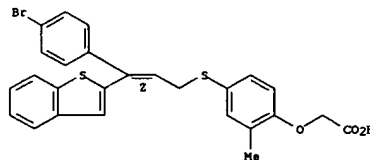


RN 685139-12-2 CAPLUS
CN Acetic acid, [4-[[3,3-bis(4-bromophenyl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



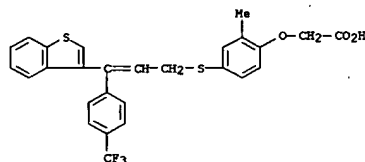
RN 685139-17-7 CAPLUS
CN Acetic acid, [4-[[3-benzo[b]thien-2-yl-3-(4-bromophenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

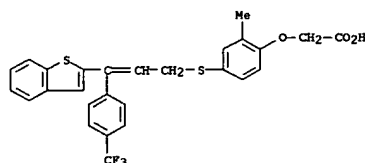


RN 685139-21-3 CAPLUS
CN Acetic acid, [4-[[3-benzo[b]thien-2-yl-3-(4-bromophenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

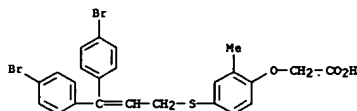


RN 685139-38-2 CAPLUS
CN Acetic acid, [4-[[3-benzo[b]thien-2-yl-3-(4-(trifluoromethyl)phenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

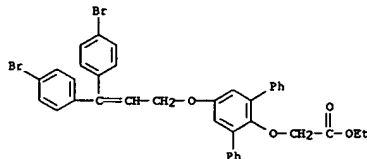


IT 673479-09-9P, [4-[[3,3-Bis(4-bromophenyl)allyl]sulfanyl]-2-methylphenoxy]acetic acid 685138-57-2P, [4-[[3,3-Bis(4-bromophenyl)allyloxy]-2,6-diphenylphenoxy]acetic acid ethyl ester 685138-61-8P 685138-64-1P, [4-[[3,3-Bis(4-iodophenyl)allyl]sulfanyl]-2-methylphenoxy]acetic acid 685138-69-6P, [4-[[3,3-Bis(4-fluorophenyl)allyl]sulfanyl]-2-methylphenoxy]acetic acid 685138-71-0P, [4-[[3,3-Bis(4-bromophenyl)allyloxy]-2-methylphenoxy]acetic acid 685138-75-4P, [4-[[3,3-Bis(4-chlorophenyl)allyl]sulfanyl]-2-methylphenoxy]acetic acid 685138-82-3P, [4-[[3,3-Bis(3-(trifluoromethyl)phenyl)allyl]sulfanyl]-2-methylphenoxy]acetic acid 685138-90-3P, [4-[[3,3-Bis(4-fluorophenyl)allyl]sulfanyl]-2-ethylphenoxy]acetic acid 685138-93-6P, [4-[[3,3-Bis(4-chlorophenyl)allyl]sulfanyl]-2-ethylphenoxy]acetic acid 685138-96-9P, [4-[[3,3-Bis(3-(trifluoromethyl)phenyl)allyl]sulfanyl]-2-ethylphenoxy]acetic acid 685138-98-1P, [4-[[3,3-Bis(4-bromophenyl)allyl]sulfanyl]-2-ethylphenoxy]acetic acid 685138-10-0P, [4-[[3,3-Bis(4-bromophenyl)allyl]sulfanyl]-2-chlorophenoxy]acetic acid 685139-15-5P, [4-[[3,3-Bis(4-bromophenyl)-2-ethoxyallyl]sulfanyl]-2-methylphenoxy]acetic acid 685139-20-2P 685139-23-5P 685139-31-5P 685139-34-8P 685139-37-1P 685139-40-6P 685139-41-7P, [4-[[3,3-Bis(4-chlorophenyl)allyloxy]phenoxy]acetic acid 685139-43-9P, [4-[[3,3-Bis(4-chlorophenyl)allyl]sulfanyl]-2-chlorophenoxy]acetic acid 685139-46-2P, [4-[[3,3-Bis(4-chlorophenyl)allyl]sulfanyl]-2-trifluoromethylphenoxy]acetic acid 685139-48-4P,

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 [4-[[3,3-bis(3-methylthiophen-2-yl)allyl]sulfonyl]-2-trifluoromethylphenoxy]acetic acid 685139-31-9P,
 [4-[[3,3-bis(furan-2-yl)allyl]sulfonyl]-2-trifluoromethylphenoxy]acetic acid 685139-33-1P, [4-[[3,3-bis(4-iodophenyl)allyl]sulfonyl]-2-methoxyphenoxy]acetic acid 685139-56-4P, [4-[[3,3-bis(4-chlorophenyl)allyl]sulfonyl]-2-methoxyphenoxy]acetic acid
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (PPAR activator; prepn. of [[diarylallyl]sulfonyl]phenoxy]acetates as PPAR activators for treatment of diabetes and related conditions)
 RN 673479-09-9 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(4-bromophenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 685138-57-2 CAPLUS
 CN Acetic acid, [[5'-[[3,3-bis(4-bromophenyl)-2-propenyl]oxy][1,1':3',1''-terphenyl]-2'-yl]oxy]acetate, ethyl ester (9CI) (CA INDEX NAME)

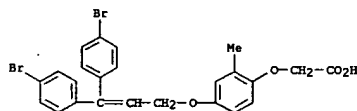


RN 685138-61-8 CAPLUS
 CN L-Arginine, mono[[5'-[[3,3-bis(4-bromophenyl)-2-propenyl]oxy][1,1':3',1''-terphenyl]-2'-yl]oxy]acetate (9CI) (CA INDEX NAME)

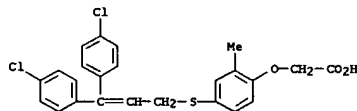
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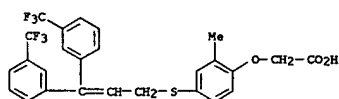
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 685138-71-0 CAPLUS
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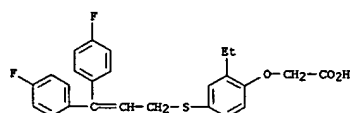
RN 685138-75-4 CAPLUS
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RN 685138-82-3 CAPLUS
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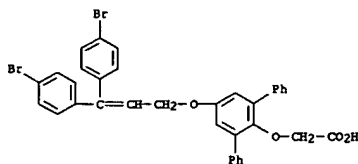


RN 685138-90-3 CAPLUS
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RN 685138-93-6 CAPLUS

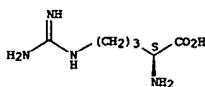
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



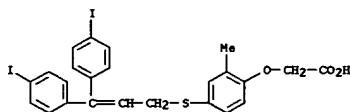
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CRN 74-79-3
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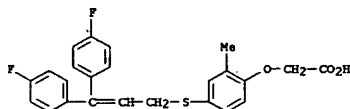
Absolute stereochemistry.



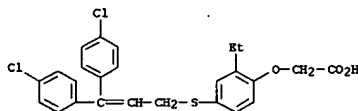
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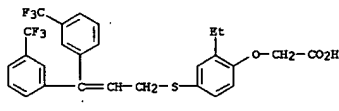
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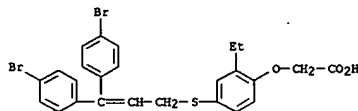
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
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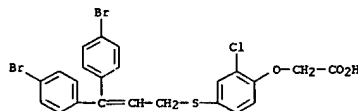
RN 685138-96-9 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(3-(trifluoromethyl)phenyl)-2-propenyl]thio]-2-ethylphenoxy]- (9CI) (CA INDEX NAME)



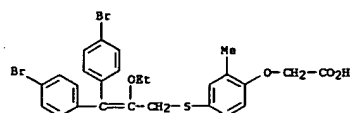
RN 685138-98-1 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(4-bromophenyl)-2-propenyl]thio]-2-ethylphenoxy]- (9CI) (CA INDEX NAME)



RN 685139-10-0 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(4-bromophenyl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



RN 685139-15-5 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(4-bromophenyl)-2-ethoxy-2-propenyl]thio]-2-

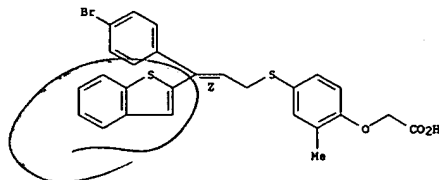


RN 685139-20-2 CAPLUS
CN L-Lysine, mono[[4-[[[(2Z)-3-benzo[b]thien-2-yl-3-(4-bromophenyl)-2-propenyl]thio]-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

CM 1

CRN 685139-17-7
CMF C26 H21 Br O3 S2

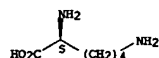
Double bond geometry as shown.



CM 2

CRN 56-87-1
CMF C6 H14 N2 O2

Absolute stereochemistry.

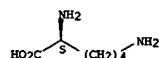


RN 685139-23-5 CAPLUS
CN L-Lysine, mono[[4-[[[(2Z)-3-(4-bromophenyl)-3-(4-(methylthio)phenyl)-2-propenyl]thio]-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

CM 1

CRN 685139-21-3
CMF C25 H23 Br O3 S2

Absolute stereochemistry.

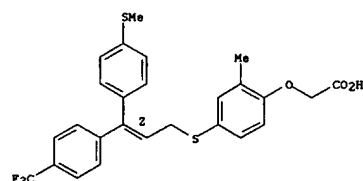


RN 685139-34-8 CAPLUS
CN L-Lysine, mono[[2-methyl-4-[[[(2Z)-3-(4-(methylthio)phenyl)-3-(4-(trifluoromethyl)phenyl)-2-propenyl]thio]phenoxy]acetate] (9CI) (CA INDEX NAME)

CM 1

CRN 685139-32-6
CMF C26 H23 F3 O3 S2

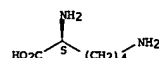
Double bond geometry as shown.



CM 2

CRN 56-87-1
CMF C6 H14 N2 O2

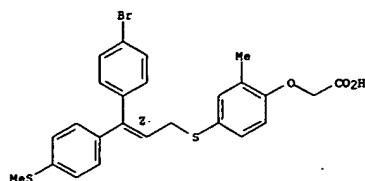
Absolute stereochemistry.



RN 685139-37-1 CAPLUS
CN L-Lysine, mono[[4-[[[3-benzo[b]thien-3-yl-3-(4-(trifluoromethyl)phenyl)-2-propenyl]thio]-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

CM 1

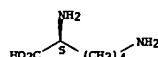
CRN 685139-35-9
CMF C27 H21 F3 O3 S2



CM 2

CRN 56-87-1
CMF C6 H14 N2 O2

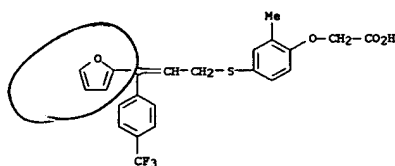
Absolute stereochemistry.



RN 685139-31-5 CAPLUS
CN L-Lysine, mono[[4-[[[3-(2-furanyl)-3-(4-(trifluoromethyl)phenyl)-2-propenyl]thio]-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

CM 1

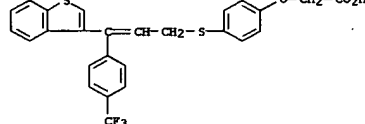
CRN 685139-24-6
CMF C23 H19 F3 O4 S



CM 2

CRN 56-87-1
CMF C6 H14 N2 O2

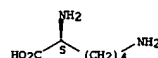
Absolute stereochemistry.



CM 2

CRN 56-87-1
CMF C6 H14 N2 O2

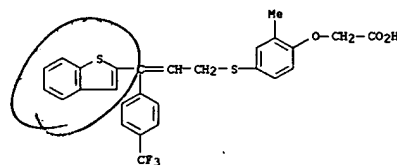
Absolute stereochemistry.



RN 685139-40-6 CAPLUS
CN L-Lysine, mono[[4-[[[3-benzo[b]thien-2-yl-3-(4-(trifluoromethyl)phenyl)-2-propenyl]thio]-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

CM 1

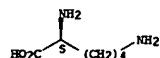
CRN 685139-38-2
CMF C27 H21 F3 O3 S2



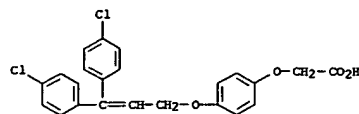
CM 2

CRN 56-87-1
CMF C6 H14 N2 O2

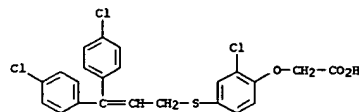
Absolute stereochemistry.



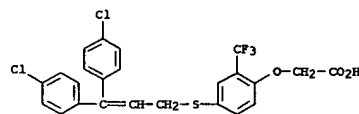
RN 685139-41-7 CAPLUS
CN Acetic acid, 4-[[3,3-bis(4-chlorophenyl)-2-propenyl]thio]phenoxyl- (9CI) (CA INDEX NAME)



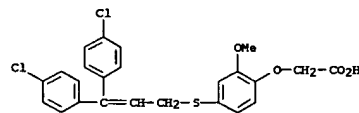
RN 685139-43-9 CAPLUS
CN Acetic acid, 4-[[3,3-bis(4-chlorophenyl)-2-propenyl]thio]-2-chlorophenoxyl- (9CI) (CA INDEX NAME)



RN 685139-46-2 CAPLUS
CN Acetic acid, 4-[[3,3-bis(4-chlorophenyl)-2-propenyl]thio]-2-(trifluoromethyl)phenoxyl- (9CI) (CA INDEX NAME)



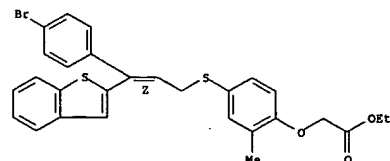
RN 685139-48-4 CAPLUS
CN Acetic acid, 4-[[3,3-bis(3-methyl-2-thienyl)-2-propenyl]thio]-2-(trifluoromethyl)phenoxyl- (9CI) (CA INDEX NAME)



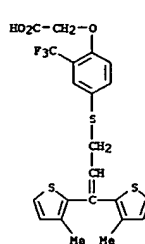
IT 685139-19-9P, Ethyl (2)-[4-[[3-(Benzo[b]thiophen-2-yl)-3-(4-bromophenyl)allyl]sulfanyl]-2-methylphenoxy]acetate 685139-22-4P, Ethyl (2)-[4-[[3-(4-bromophenyl)-3-(5-methylthiophen-2-yl)allyl]sulfanyl]-2-methylphenoxy]acetate 685139-30-4P, Ethyl (2)-[4-[[3-(Furan-2-yl)-3-(4-trifluoromethylphenyl)allyl]sulfanyl]-2-methylphenoxy]acetate 685139-33-7P, Ethyl (2)-[4-[[3-(5-Methylthiophen-2-yl)-3-(4-trifluoromethylphenyl)allyl]sulfanyl]-2-methylphenoxy]acetate 685139-36-0P, Ethyl (2)-[4-[[3-(Benzo[b]thiophen-3-yl)-3-(4-trifluoromethylphenyl)allyl]sulfanyl]-2-methylphenoxy]acetate 685139-39-3P, Ethyl (2)-[4-[[3-(Benzo[b]thiophen-2-yl)-3-(4-trifluoromethylphenyl)allyl]sulfanyl]-2-methylphenoxy]acetate 685139-42-0P, [4-[[3,3-Bis(4-chlorophenyl)allyloxy]phenoxy]acetic acid ethyl ester 685139-45-1P, [4-[[3,3-Bis(4-chlorophenyl)allyl]sulfanyl]-2-chlorophenoxy]acetic acid ethyl ester 685139-47-3P, [4-[[3,3-Bis(4-chlorophenyl)allyl]sulfanyl]-2-trifluoromethylphenoxy]acetic acid ethyl ester 685139-50-0P, [4-[[3,3-Bis(3-methylthiophen-2-yl)allyl]sulfanyl]-2-trifluoromethylphenoxy]acetic acid ethyl ester 685139-52-0P, [4-[[3,3-Bis(2-furanyl)allyl]sulfanyl]-2-trifluoromethylphenoxy]acetic acid ethyl ester 685139-55-3P, [4-[[3,3-Bis(4-iodophenyl)allyl]sulfanyl]-2-methoxyphenoxy]acetic acid methyl ester 685139-57-5P, [4-[[3,3-Bis(4-chlorophenyl)allyl]sulfanyl]-2-methoxyphenoxy]acetic acid methyl ester
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate preparation of [[diacylallyl]sulfanyl]phenoxy]acetates as PPAR activators for treatment of diabetes and related conditions)

RN 685139-19-9 CAPLUS
CN Acetic acid, 4-[[[(2Z)-3-benzo[b]thien-2-yl-3-(4-bromophenyl)-2-propenyl]thio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

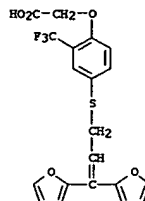
Double bond geometry as shown.



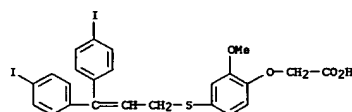
RN 685139-22-4 CAPLUS
CN Acetic acid, 4-[[[(2Z)-3-(4-bromophenyl)-3-[4-(methylthio)phenyl]-2-propenyl]thio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



RN 685139-51-9 CAPLUS
CN Acetic acid, 4-[[3,3-di-2-furanyl-2-propenyl]thio]-2-(trifluoromethyl)phenoxyl- (9CI) (CA INDEX NAME)

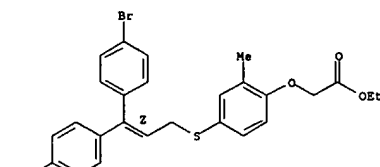


RN 685139-53-1 CAPLUS
CN Acetic acid, 4-[[3,3-bis(4-iodophenyl)-2-propenyl]thio]-2-methoxyphenoxy]- (9CI) (CA INDEX NAME)



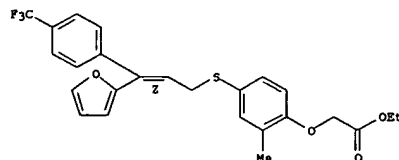
RN 685139-56-4 CAPLUS
CN Acetic acid, 4-[[3,3-bis(4-chlorophenyl)-2-propenyl]thio]-2-methoxyphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



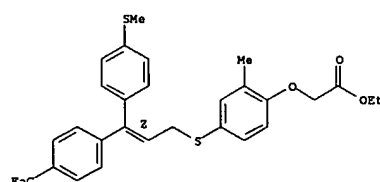
RN 685139-30-4 CAPLUS
CN Acetic acid, 4-[[[(2Z)-3-(2-furanyl)-3-[4-(trifluoromethyl)phenyl]-2-propenyl]thio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 685139-33-7 CAPLUS
CN Acetic acid, 2-methyl-4-[[[(2Z)-3-(4-(methylthio)phenyl)-3-[4-(trifluoromethyl)phenyl]-2-propenyl]thio]phenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

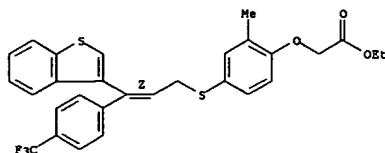
Double bond geometry as shown.



RN 685139-36-0 CAPLUS
CN Acetic acid, 4-[[[(2Z)-3-benzo[b]thien-3-yl-3-[4-(trifluoromethyl)phenyl]-2-propenyl]thio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

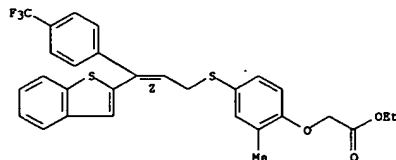
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
2-propenylthio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.

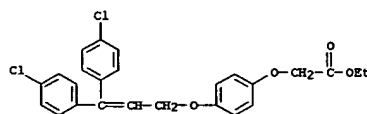


RN 685139-39-3 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-chlorophenyl)-2-propenylthio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.

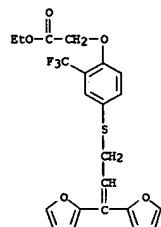


RN 685139-42-8 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-chlorophenyl)-2-propenylthio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

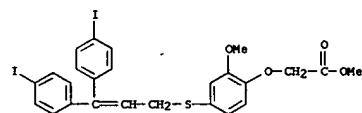


RN 685139-45-1 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-chlorophenyl)-2-propenylthio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

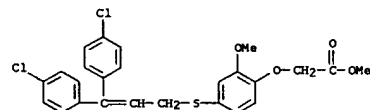
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



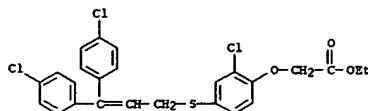
RN 685139-55-3 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-iodophenyl)-2-propenylthio]-2-methoxyphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



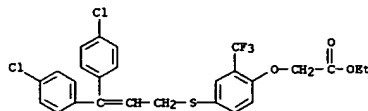
RN 685139-57-5 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-chlorophenyl)-2-propenylthio]-2-methoxyphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



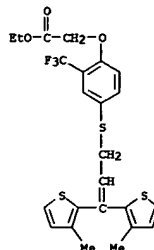
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 685139-47-3 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-chlorophenyl)-2-propenylthio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



RN 685139-50-8 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-chlorophenyl)-2-propenylthio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



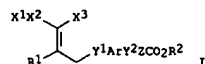
RN 685139-52-0 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-chlorophenyl)-2-propenylthio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:370891 CAPLUS
DOCUMENT NUMBER: 140:391127
TITLE: Preparation of biphenylallylsulfanylphenoxyacetates and related compounds for treating peroxisome proliferator activated receptor (PPAR) mediated diseases
INVENTOR(S): Jeppesen, Lone; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 69 pp.
CODEN: PIXX02
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037775	A1	20040506	WO 2003-0K723	20031027
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005080115	A1	20050414	US 2003-692561	20031024
CA 2503276	AA	20040506	CA 2003-2503276	20031027
EP 1558571	A1	20050803	EP 2003-757742	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TN, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.: DK 2002-1629 A 20021028 US 2002-423644P P 20021104 WO 2003-0K723 W 20031027				

OTHER SOURCE(S): MARPAT 140:391127
GI



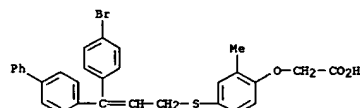
AB Title compds. [I: X1, X3 = (substituted) aryl, heteroaryl; X2, Ar = (substituted) aryl, arylene; Y1, Y2 = O, S; Z = (CH2)n; n = 1-3; R1 = H, halo, (substituted) alkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, heteroalkyl, alkoxy, cycloalkoxy, alkylthio, etc.; R2 = H, alkyl, cycloalkyl, alkenyl, alkynyl, aryl, etc.], were prepared for treatment of PPAR mediated disease (no data). Thus, [4-[[3,3-bis(4-bromophenyl)allylsulfanyl]-2-methylphenoxy]acetic acid (preparation given), PhB(OH)2, KP, Pd2(dba)3, and Pd[P(tBu)3]2 were stirred in THF to give [4-[[3-biphenyl-4-yl-3-(4-bromophenyl)allylsulfanyl]phenoxy]acetic acid.
IT 686774-25-4P 686774-26-5P 686774-27-6P
686774-28-7P 686774-29-8P 686774-30-1P
686774-31-2P 686774-32-3P 686774-33-4P

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

686774-34-3P 686774-35-6P 686774-36-7P
686774-37-8P 686774-38-9P 686774-39-0P
686774-40-1P 686774-41-2P 686774-42-3P
686774-43-4P 686774-44-5P 686774-45-6P
686774-46-7P 686774-47-8P 686774-48-9P
686774-49-0P 686774-50-1P 686774-51-2P
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686774-66-7P 686774-67-8P 686774-68-9P
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686774-84-5P 686774-85-6P 686774-86-7P
686774-87-8P 686774-88-9P 686774-89-0P
686774-90-1P 686774-91-2P 686774-92-3P
686774-93-4P 686774-94-5P 686774-95-6P
686774-96-7P 686774-97-8P 686774-98-9P
686774-99-0P 686775-01-2P
686775-03-4P 686775-05-6P 686775-06-7P
686775-07-8P 686775-08-9P 686775-09-0P
686775-10-1P 686775-11-2P 686775-12-3P
686775-13-4P 686775-14-5P 686775-15-6P
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686775-28-9P 686775-29-0P 686775-30-1P
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686775-40-1P 686775-41-2P 686775-42-3P
686775-43-4P 686775-44-5P 686775-45-6P
686775-46-7P 686775-47-8P 686775-48-9P
686775-49-0P 686775-50-1P 686775-51-2P
686775-52-3P 686775-53-4P 686775-54-5P
686775-55-6P 686775-56-7P 686775-57-8P
686775-58-9P 686775-59-0P 686775-60-1P
686775-61-2P 686775-62-3P 686775-63-4P
686775-64-5P 686775-65-6P 686775-66-7P
686775-67-8P 686775-68-9P

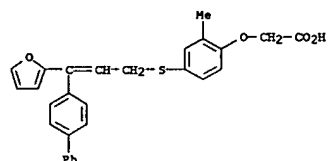
RU: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of biphenylallylsulfanylphenoxyacetates and related compds. for treating peroxisome proliferator activated receptor (PPAR) mediated diseases)

RN 686774-25-4 CAPLUS
CN Acetic acid, [4-[[3-[1,1'-biphenyl]-4-yl]-3-(4-bromophenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

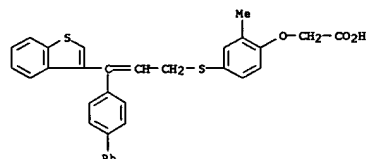


RN 686774-26-5 CAPLUS
CN Acetic acid, [4-[[3-[4-bromophenyl]-3-[(trifluoromethyl)(1,1'-biphenyl)-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

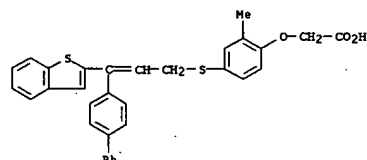
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 686774-30-1 CAPLUS
CN Acetic acid, [4-[[3-benzo[b]thien-3-yl]-3-[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

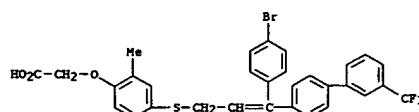


RN 686774-31-2 CAPLUS
CN Acetic acid, [4-[[3-benzo[b]thien-2-yl]-3-[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

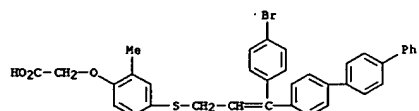


RN 686774-32-3 CAPLUS
CN Acetic acid, [4-[[3-[1,1'-biphenyl]-4-yl]-3-(5-methyl-2-thienyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

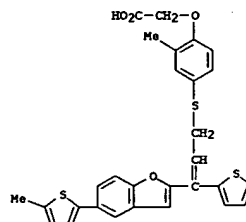
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 686774-27-6 CAPLUS
CN Acetic acid, [4-[[3-[4-bromophenyl]-3-[1,1':4',1''-terphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

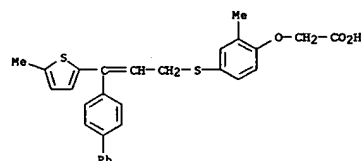


RN 686774-28-7 CAPLUS
CN Acetic acid, [2-methyl-4-[[3-[5-(5-methyl-2-thienyl)-2-benzofuranyl]-3-(2-thienyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



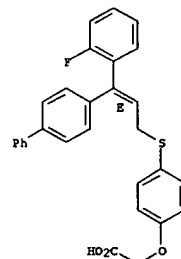
RN 686774-29-8 CAPLUS
CN Acetic acid, [4-[[3-[1,1'-biphenyl]-4-yl]-3-(2-furanyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



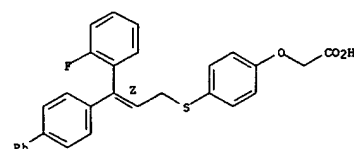
RN 686774-33-4 CAPLUS
CN Acetic acid, [4-[[3-benzo[b]thien-3-yl]-3-[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-fluorophenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 686774-34-5 CAPLUS
CN Acetic acid, [4-[[3-benzo[b]thien-3-yl]-3-[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-fluorophenoxy]- (9CI) (CA INDEX NAME)

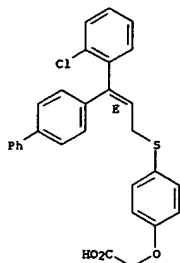
Double bond geometry as shown.



RN 686774-35-6 CAPLUS

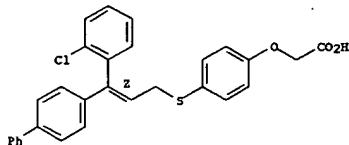
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(2-chlorophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 686774-36-7 CAPLUS
 CN Acetic acid, [4-[[[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(2-chlorophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

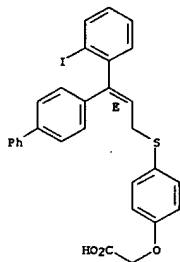
Double bond geometry as shown.



RN 686774-37-8 CAPLUS
 CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(2-bromophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

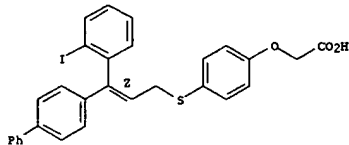
Double bond geometry as shown.

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



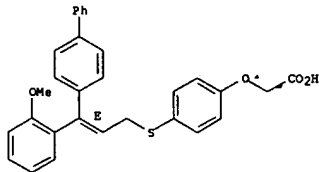
RN 686774-40-3 CAPLUS
 CN Acetic acid, [4-[[[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(2-iodophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

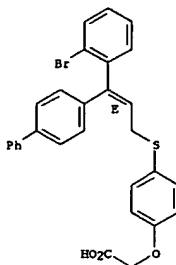


RN 686774-41-4 CAPLUS
 CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(2-methoxyphenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

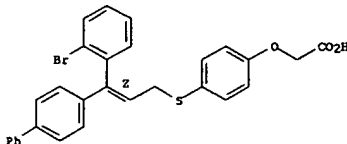


L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 686774-38-9 CAPLUS
 CN Acetic acid, [4-[[[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(2-bromophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



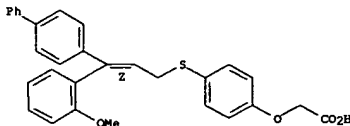
RN 686774-39-0 CAPLUS
 CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(2-iodophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

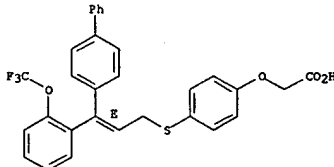
RN 686774-42-5 CAPLUS
 CN Acetic acid, [4-[[[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(2-methoxyphenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



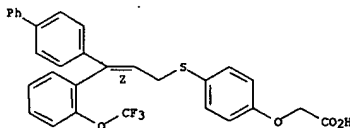
RN 686774-43-6 CAPLUS
 CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(2-(trifluoromethoxy)phenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



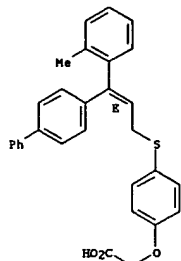
RN 686774-44-7 CAPLUS
 CN Acetic acid, [4-[[[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(2-(trifluoromethoxy)phenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



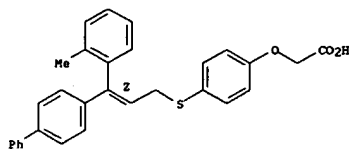
RN 686774-45-8 CAPLUS
 CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(2-methylphenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



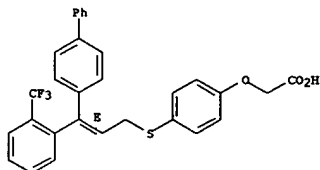
RN 686774-46-9 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(2-methylphenyl)-2-propenyl]thio]phenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

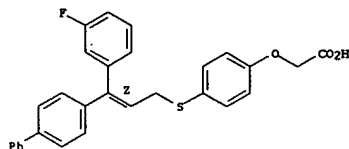


RN 686774-47-0 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(2-(trifluoromethyl)phenyl)-2-propenyl]thio]phenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

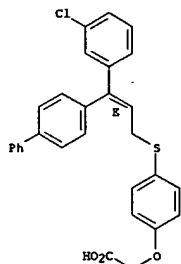


RN 686774-48-1 CAPLUS



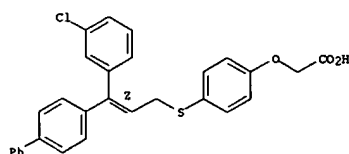
RN 686774-51-6 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(3-chlorophenyl)-2-propenyl]thio]phenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



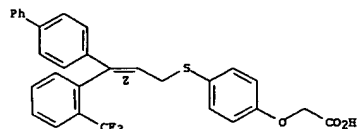
RN 686774-52-7 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(3-chlorophenyl)-2-propenyl]thio]phenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



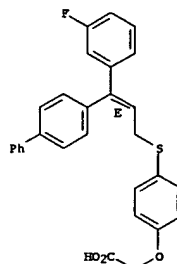
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(2-(trifluoromethyl)phenyl)-2-propenyl]thio]phenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 686774-49-2 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(3-fluorophenyl)-2-propenyl]thio]phenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

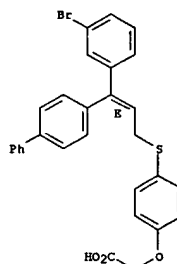


RN 686774-50-5 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(3-fluorophenyl)-2-propenyl]thio]phenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

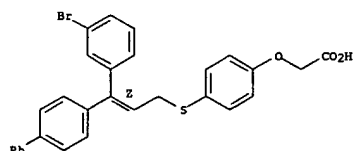
RN 686774-53-8 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(3-bromophenyl)-2-propenyl]thio]phenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



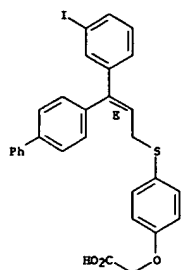
RN 686774-54-9 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(3-bromophenyl)-2-propenyl]thio]phenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



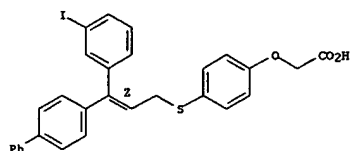
RN 686774-55-0 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(3-iodophenyl)-2-propenyl]thio]phenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 686774-56-1 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(3-iodophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

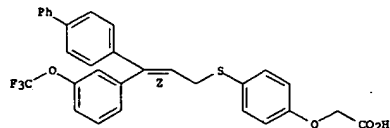


RN 686774-59-4 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(3-methoxyphenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

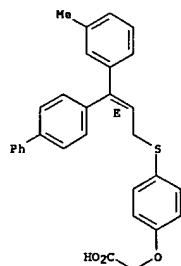
RN 686774-62-9 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-[1,1'-biphenyl]-4-yl-3-[3-(trifluoromethoxy)phenyl]-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



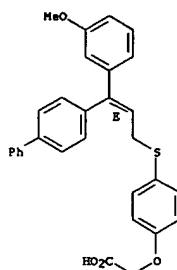
RN 686774-63-0 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(3-methylphenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



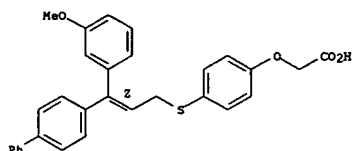
RN 686774-64-1 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(3-methylphenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



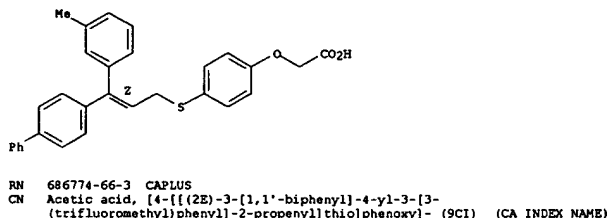
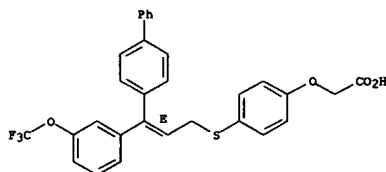
RN 686774-60-7 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-[1,1'-biphenyl]-4-yl-3-(3-methoxyphenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



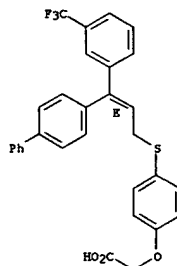
RN 686774-61-8 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-[3-(trifluoromethoxy)phenyl]-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



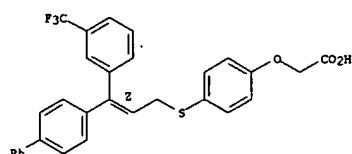
RN 686774-66-3 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-[3-(trifluoromethyl)phenyl]-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



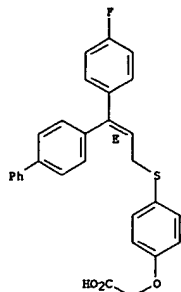
RN 686774-67-4 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-[1,1'-biphenyl]-4-yl-3-[3-(trifluoromethyl)phenyl]-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



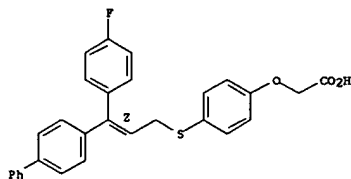
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 686774-68-5 CAPLUS
 CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-fluorophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



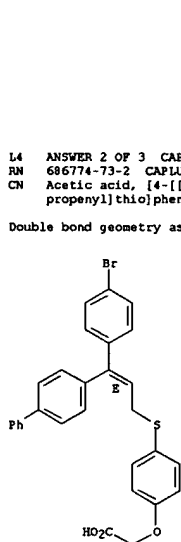
RN 686774-69-6 CAPLUS
 CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-fluorophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



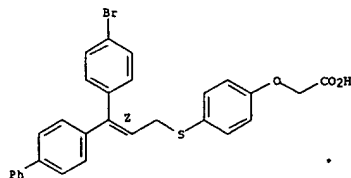
RN 686774-70-9 CAPLUS
 CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-chlorophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 686774-75-4 CAPLUS
 CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-bromophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

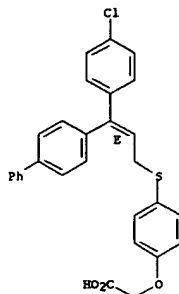
Double bond geometry as shown.



RN 686774-76-5 CAPLUS
 CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-iodophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

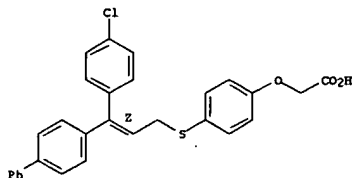
Double bond geometry as shown.

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

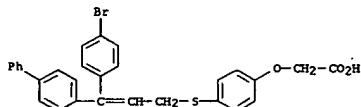


RN 686774-71-0 CAPLUS
 CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-chlorophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

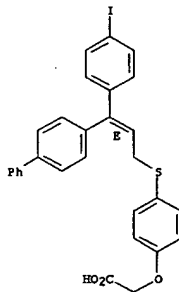
Double bond geometry as shown.



RN 686774-72-1 CAPLUS
 CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-bromophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

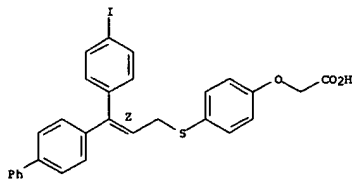


L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



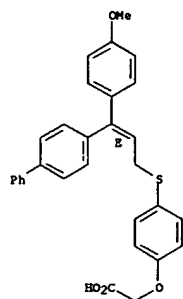
RN 686774-78-7 CAPLUS
 CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-iodophenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



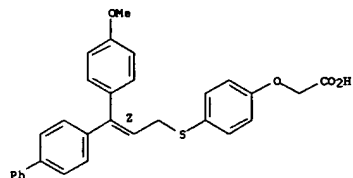
RN 686774-79-8 CAPLUS
 CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-methoxyphenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



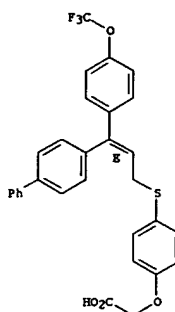
RN 686774-82-3 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-methoxyphenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



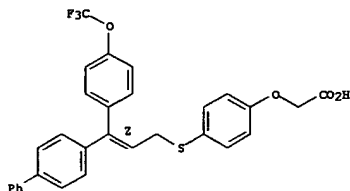
RN 686774-84-5 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-(trifluoromethoxy)phenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



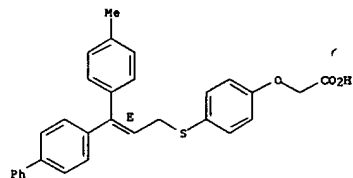
RN 686774-86-7 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-(trifluoromethoxy)phenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



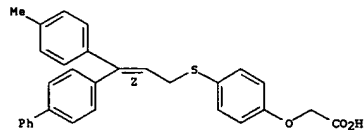
RN 686774-88-9 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-methylphenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



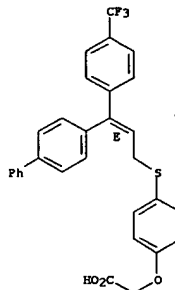
RN 686774-90-3 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-methylphenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



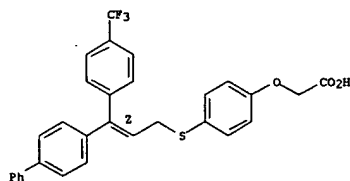
RN 686774-92-5 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-(trifluoromethyl)phenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



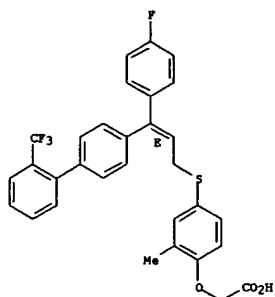
RN 686774-93-6 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-(trifluoromethyl)phenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



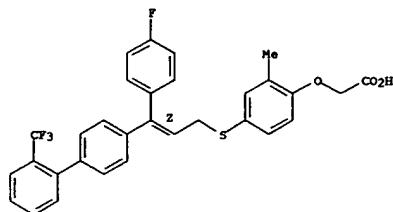
RN 686774-95-8 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-[1,1'-biphenyl]-4-yl-3-(4-(trifluoromethyl)phenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

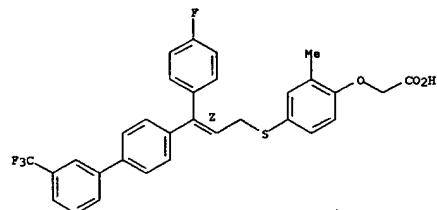


RN 686774-96-9 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-(4-fluorophenyl)-3-[(trifluoromethyl)(1,1'-biphenyl)-4-yl]-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

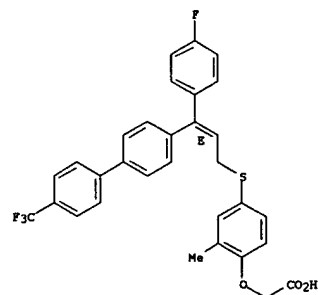


RN 686774-97-0 CAPLUS
CN Acetic acid, [4-[[[(3-[(4-fluorophenyl)-3-[(trifluoromethyl)(1,1'-biphenyl)-4-yl]-2-propenyl]thio)-2-methylphenoxy]]- (9CI) (CA INDEX NAME)



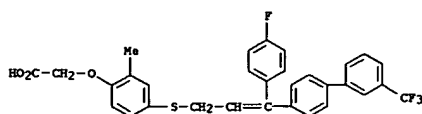
RN 686775-01-9 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-(4-fluorophenyl)-3-[(trifluoromethyl)(1,1'-biphenyl)-4-yl]-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



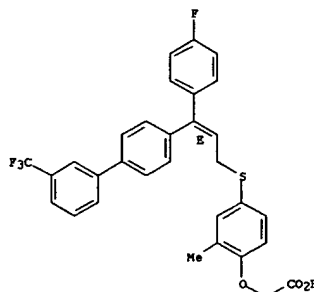
RN 686775-03-1 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-(4-fluorophenyl)-3-[(trifluoromethyl)(1,1'-biphenyl)-4-yl]-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



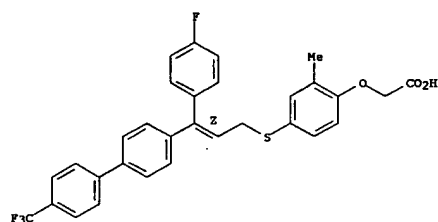
RN 686774-98-1 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-(4-fluorophenyl)-3-[(trifluoromethyl)(1,1'-biphenyl)-4-yl]-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



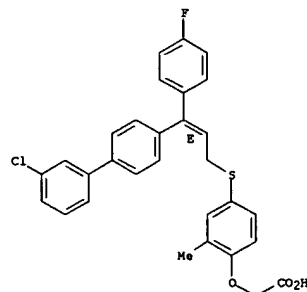
RN 686774-99-2 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-(4-fluorophenyl)-3-[(trifluoromethyl)(1,1'-biphenyl)-4-yl]-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



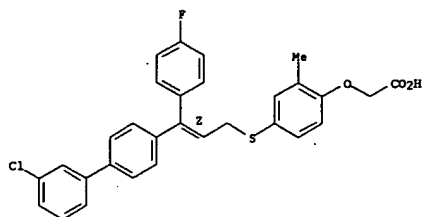
RN 686775-05-3 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-(4-fluorophenyl)-3-[(trifluoromethyl)(1,1'-biphenyl)-4-yl]-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



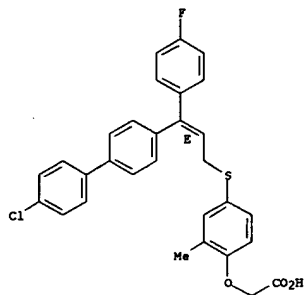
RN 686775-06-4 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-(4-fluorophenyl)-3-[(trifluoromethyl)(1,1'-biphenyl)-4-yl]-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



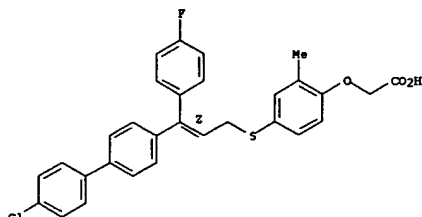
RN 686775-07-5 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-(4'-chloro[1,1'-biphenyl]-4-yl)-3-(4-fluorophenyl)-2-propenyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Double bond geometry as shown.



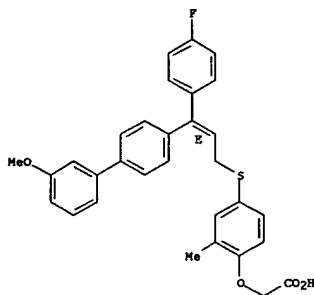
RN 686775-08-6 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-(4'-chloro[1,1'-biphenyl]-4-yl)-3-(4-fluorophenyl)-2-propenyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Double bond geometry as shown.



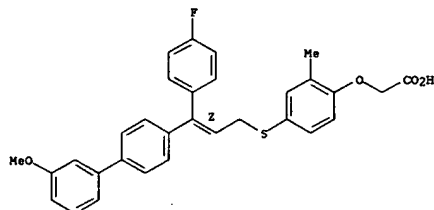
RN 686775-09-7 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-(4-fluorophenyl)-3-(3'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Double bond geometry as shown.



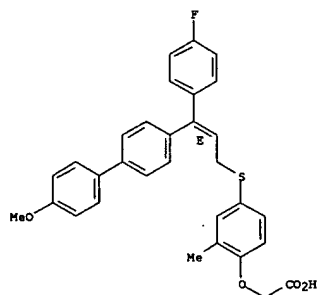
RN 686775-10-0 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-(4-fluorophenyl)-3-(3'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Double bond geometry as shown.



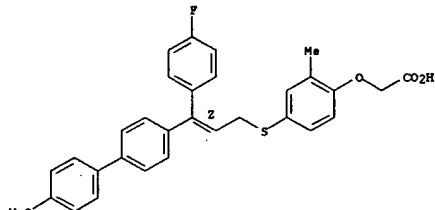
RN 686775-11-1 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-(4-fluorophenyl)-3-(4'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Double bond geometry as shown.



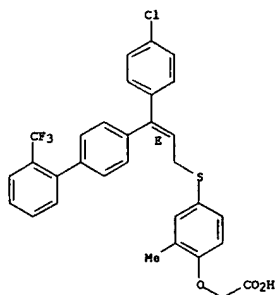
RN 686775-12-2 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-(4-fluorophenyl)-3-(4'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Double bond geometry as shown.



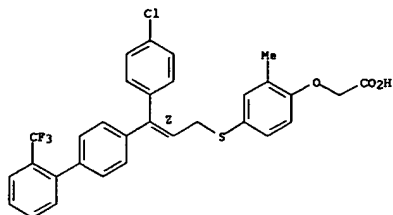
RN 686775-13-3 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-(4-chlorophenyl)-3-(2'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Double bond geometry as shown.

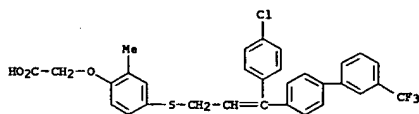


RN 686775-15-5 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-(4-chlorophenyl)-3-(2'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Double bond geometry as shown.

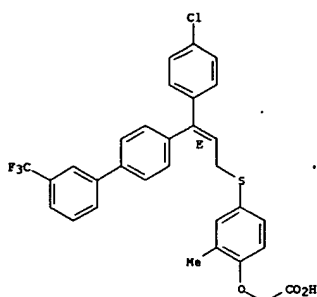


RN 686775-17-7 CAPLUS
CN Acetic acid, [4-[[3-(4-chlorophenyl)-3-[(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



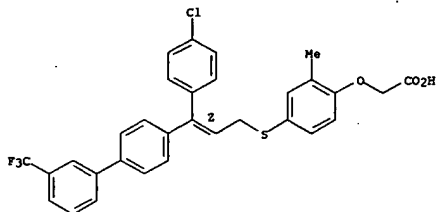
RN 686775-19-9 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-(4-chlorophenyl)-3-[(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



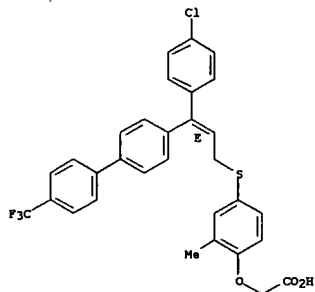
RN 686775-21-3 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-(4-chlorophenyl)-3-[(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



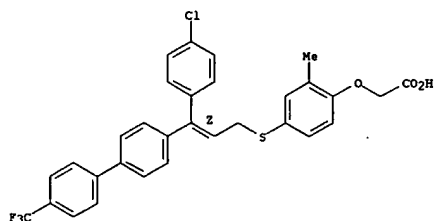
RN 686775-23-5 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-(4-chlorophenyl)-3-[(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



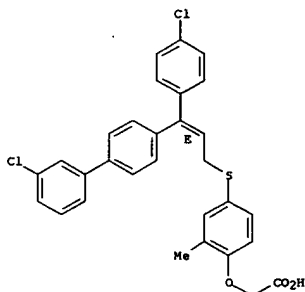
RN 686775-24-6 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-(4-chlorophenyl)-3-[(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



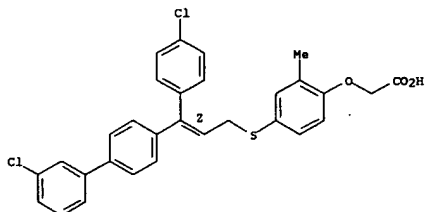
RN 686775-25-7 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-(3'-chloro[1,1'-biphenyl]-4-yl)-3-(4-chlorophenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



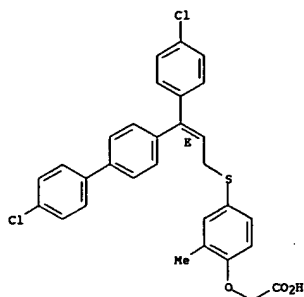
RN 686775-27-9 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-(3'-chloro[1,1'-biphenyl]-4-yl)-3-(4-chlorophenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



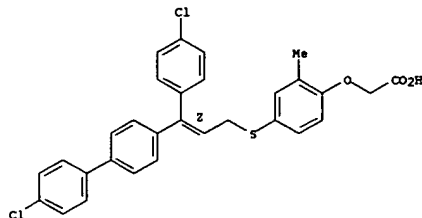
RN 686775-29-1 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-(4'-chloro[1,1'-biphenyl]-4-yl)-3-(4-chlorophenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



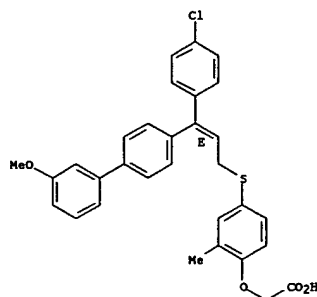
RN 686775-30-4 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-(4'-chloro[1,1'-biphenyl]-4-yl)-3-(4-chlorophenyl)-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



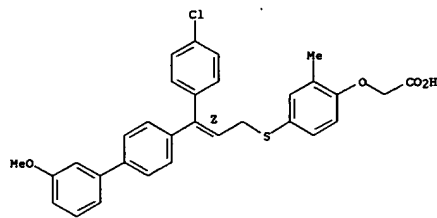
RN 686775-31-5 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-(4-chlorophenyl)-3-(3'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



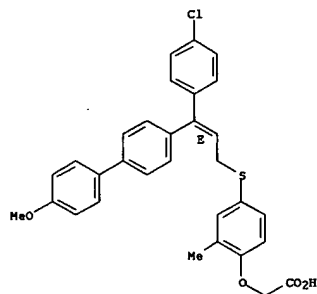
RN 686775-33-7 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-(4-chlorophenyl)-3-(3'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



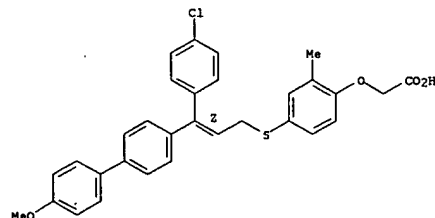
RN 686775-34-8 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-(4-chlorophenyl)-3-(4'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



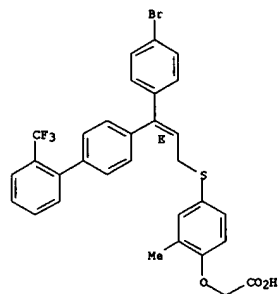
RN 686775-36-0 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-(4-chlorophenyl)-3-(4'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



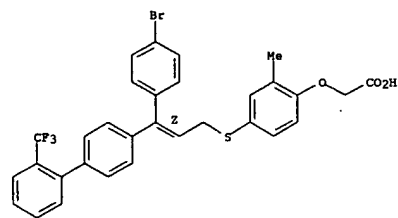
RN 686775-38-2 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-(4-bromophenyl)-3-[2'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



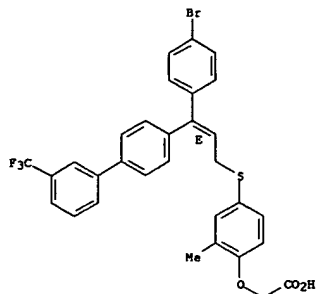
RN 686775-40-6 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-(4-bromophenyl)-3-[2'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



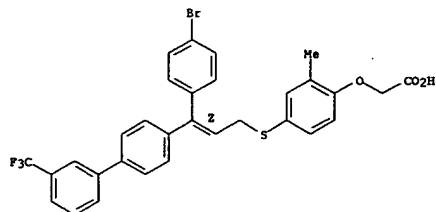
RN 686775-43-9 CAPLUS
CN Acetic acid, [4-[[[(2E)-3-(4-bromophenyl)-3-[3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



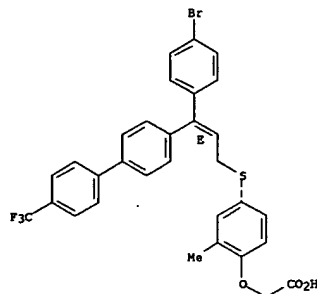
RN 686775-44-0 CAPLUS
CN Acetic acid, [4-[(E)-3-(4-bromophenyl)-3'-(trifluoromethyl)biphenyl]-4-yl]-2-propenylthio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



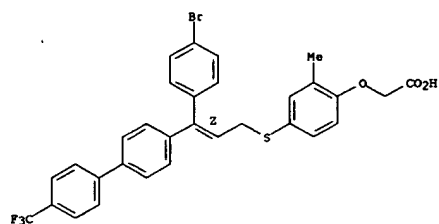
RN 686775-45-1 CAPLUS
CN Acetic acid, [4-[(Z)-3-(4-bromophenyl)-3'-(trifluoromethyl)biphenyl]-4-yl]-2-propenylthio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



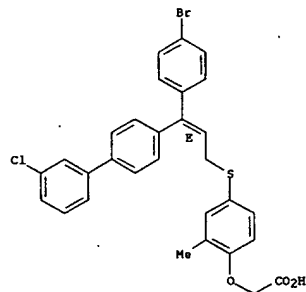
RN 686775-46-2 CAPLUS
CN Acetic acid, [4-[(E)-3-(4-bromophenyl)-3'-(trifluoromethyl)biphenyl]-4-yl]-2-propenylthio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



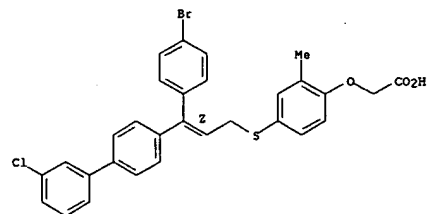
RN 686775-47-3 CAPLUS
CN Acetic acid, [4-[(E)-3-(4-bromophenyl)-3'-(chloro[1,1'-biphenyl]-4-yl)-2-propenylthio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



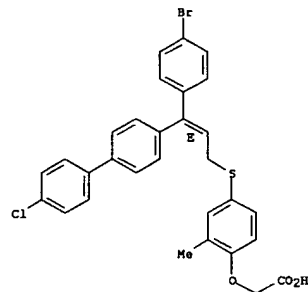
RN 686775-48-4 CAPLUS
CN Acetic acid, [4-[(E)-3-(4-bromophenyl)-3'-(chloro[1,1'-biphenyl]-4-yl)-2-propenylthio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



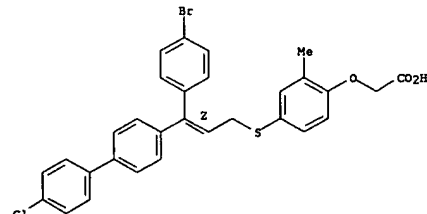
RN 686775-49-5 CAPLUS
CN Acetic acid, [4-[(Z)-3-(4-bromophenyl)-3'-(chloro[1,1'-biphenyl]-4-yl)-2-propenylthio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



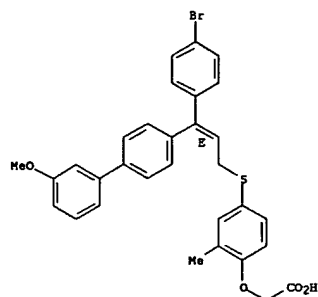
RN 686775-50-8 CAPLUS
CN Acetic acid, [4-[(E)-3-(4-bromophenyl)-3'-(chloro[1,1'-biphenyl]-4-yl)-2-propenylthio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 686775-51-9 CAPLUS
CN Acetic acid, [4-[(E)-3-(4-bromophenyl)-3'-(methoxy[1,1'-biphenyl]-4-yl)-2-propenylthio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

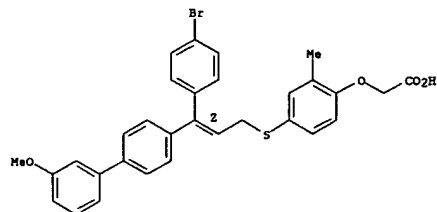
Double bond geometry as shown.



RN 686775-52-0 CAPLUS

CN Acetic acid, 4-[[[(2E)-3-(4-bromophenyl)-3-(3'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

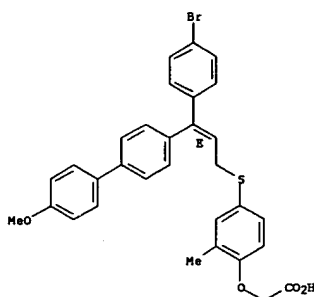
Double bond geometry as shown.



RN 686775-53-1 CAPLUS

CN Acetic acid, 4-[[[(2Z)-3-(4-bromophenyl)-3-(4'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

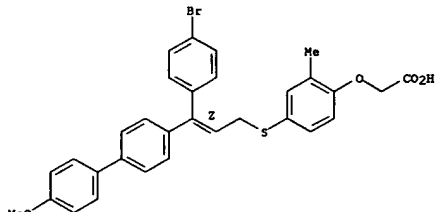
Double bond geometry as shown.



RN 686775-54-2 CAPLUS

CN Acetic acid, 4-[[[(2E)-3-(4-bromophenyl)-3-(4'-methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



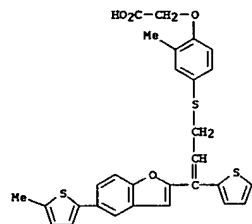
RN 686775-59-7 CAPLUS

CN L-lysine, mono[[2-methyl-4-[[3-[5-(5-methyl-2-thienyl)-2-benzofuranyl]-2-thienyl]-2-propenyl]thio]phenoxy]acetate] (9CI) (CA INDEX NAME)

CM 1

CRN 686774-28-7

CMF C29 H24 O4 S3

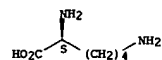


CM 2

CRN 56-87-1

CMF C6 H14 N2 O2

Absolute stereochemistry.



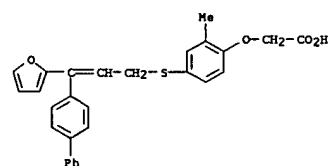
RN 686775-62-2 CAPLUS

CN L-lysine, mono[[4-[[3-[1,1'-biphenyl]-4-yl-3-(2-furanyl)-2-propenyl]thio]-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

CM 1

CRN 686774-29-8

CMF C28 H24 O4 S

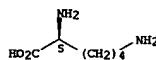


CM 2

CRN 56-87-1

CMF C6 H14 N2 O2

Absolute stereochemistry.



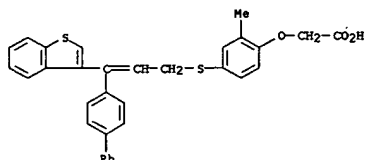
RN 686775-64-4 CAPLUS

CN L-lysine, mono[[4-[[3-benzo[b]thien-3-yl-3-[1,1'-biphenyl]-4-yl-2-propenyl]thio]-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

CM 1

CRN 686774-30-1

CMF C32 H26 O3 S2

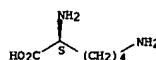


CM 2

CRN 56-87-1

CMF C6 H14 N2 O2

Absolute stereochemistry.



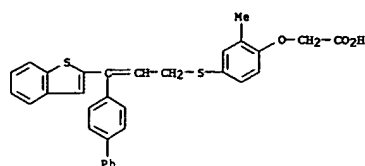
RN 686775-66-6 CAPLUS

CN L-lysine, mono[[4-[[3-benzo[b]thien-2-yl-3-[1,1'-biphenyl]-4-yl-2-propenyl]thio]-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

CM 1

CRN 686774-31-2

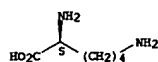
CMF C32 H26 O3 S2



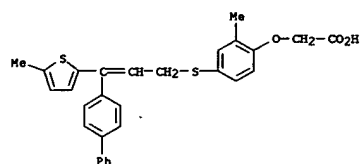
CM 2

CRN 56-87-1
CMF C6 H14 N2 O2

Absolute stereochemistry.

RN 686775-68-8 CAPLUS
CN L-Lysine, mono[[4-[[3-[[1,1'-biphenyl]-4-yl]-3-(5-methyl-2-thienyl)-2-propenyl]thio]-2-methylphenoxy]acetate] (9CI) (CA INDEX NAME)

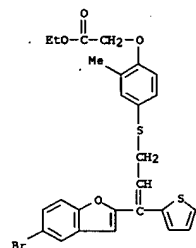
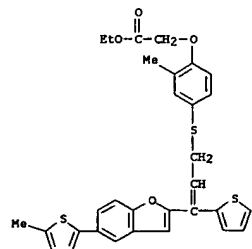
CM 1

CRN 686774-32-3
CMF C29 H26 O3 S2

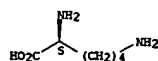
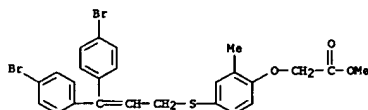
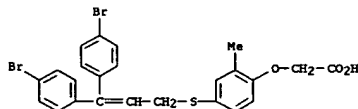
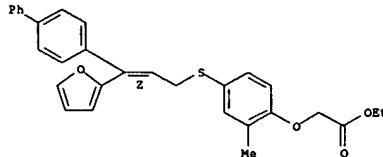
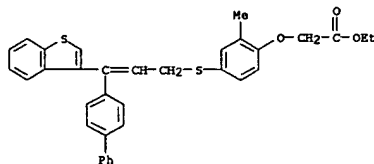
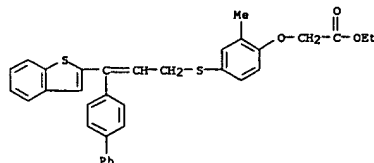
CM 2

CRN 56-87-1
CMF C6 H14 N2 O2

Absolute stereochemistry.

RN 686775-58-6 CAPLUS
CN Acetic acid, [2-methyl-4-[[3-[[5-(5-methyl-2-thienyl)-2-benzofuranyl]-3-(2-thienyl)-2-propenyl]thio]phenoxy]-, ethyl ester (9CI) (CA INDEX NAME)RN 686775-61-1 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-[[1,1'-biphenyl]-4-yl]-3-(2-furanyl)-2-propenyl]thio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.

IT 673479-08-8P 673479-09-9P 686775-57-5P
686775-58-6P 686775-61-1P 686775-63-3P
686775-65-5P 686775-67-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
for (preparation of biphenylallylsulfanylphenoxyacetates and related compds. treating peroxisome proliferator activated receptor (PPAR) mediated diseases)
RN 673479-08-8 CAPLUS
CN Acetic acid, [4-[[3,3-bis(4-bromophenyl)-2-propenyl]thio]-2-methylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)RN 673479-09-9 CAPLUS
CN Acetic acid, [4-[[3,3-bis(4-bromophenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)RN 686775-57-5 CAPLUS
CN Acetic acid, [4-[[3-[[5-bromo-2-benzofuranyl]-3-(2-thienyl)-2-propenyl]thio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)RN 686775-63-3 CAPLUS
CN Acetic acid, [4-[[3-benzo[b]thien-3-yl]-3-[[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)RN 686775-65-5 CAPLUS
CN Acetic acid, [4-[[3-benzo[b]thien-2-yl]-3-[[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)RN 686775-67-7 CAPLUS
CN Acetic acid, [4-[[[(2Z)-3-[[1,1'-biphenyl]-4-yl]-3-(5-methyl-2-thienyl)-2-propenyl]thio]-2-methylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004022533	A1	20040318	2003-0K578	20030904
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RW: GH, GM, KE, LS, MW, MZ, SD, SI, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, CG, KZ, MD, RU, TJ, TM, AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, NO, NZ, SE, SI, SK, ST, BF, BG, CF, CA, CI, CM, CN, CO, GG, GM, GN, GU, HK, HN, IL, IN, JP, KG, KP, KR, KZ, LA, LG, LI, LT, LU, LV, MA, MD, ME, MK, MN, MU, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SJ, SY, TH, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
CA 2499380	A1	20040318	CA 2003-2499380	20030904
US 2004143006	A1	20040722	US 2003-654699	20030904
EP 1537076	A1	20050608	EP 2003-793608	20030904
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MG, PT, IE, SI, LT, LV, FI, NO, NK, CY, AU, CA, CZ, EE, HU				
PRIORITY APPLN. INFO.:				
			WO 2002-1301	A 20020905
			DK 2003-784	A 20030523
			US 2002-409814P	P 20020911
			WO 2003-DK578	W 20030904
OTHER SOURCE(S):		MARPAT 140:270625		
G:				

KF, Pd2(dba)3, and Pd[P(t-Bu)3]2 in THF (53%) provided II. Also disclosed is the use of I and their pharmaceutical compns. for the treatment of PPAR α -mediated conditions, such as diabetes, impaired glucose tolerance, insulin resistance, or obesity (no data).

IT 673479-07-79, [4-[[3-Bis(biphenyl-4-yl)allyl]sulfonyl]-2-methoxyphenyl]acetic acid 673479-10-49, [4-[[3-Bis(4-(methanesulfonyl)biphenyl-4-yl)allyl]sulfonyl]-2-methylphenyl]acetic acid 673479-11-39, [4-[[[3-Bis(3-trifluoromethylbiphenyl-4-yl)allyl]sulfonyl]-2-methylphenyl]acetic acid 673479-12-49, [673479-13-89, [4-[[3-Bis(3-(dimethylamino)biphenyl-4-yl)allyl]sulfonyl]-2-methylphenyl]acetic acid 673479-14-69, [4-[[[3-Bis(4-(pyridin-3-yl)phenyl)allyl]sulfonyl]-2-methylphenyl]acetic acid 673479-15-79, [4-[[[3-Bis(4-(pyridin-3-yl)phenyl)allyl]sulfonyl]-2-trifluoromethylphenyl]acetic acid 673479-21-89, [4-[[[3-Bis(biphenyl-4-yl)allyl]sulfonyl]-2-methylphenyl]acetic acid 673479-32-69, [4-[[[3-Bis(4-(5-

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

673481-76-OP, [4-[[[3,3-Bis(4'-acetylbi-phenyl-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673481-79-3P, [4-[[[3,3-Bis(4'-phenoxybi-phenyl-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673481-80-6P, [4-[[[3,3-Bis(4'-phenoxybi-phenyl-4-yl)-2-ethylallyl]sulfonyl]-2-methylphenoxy]acetic acid 673481-82-8P, [4-[[[3,3-Bis(4'-isopropylbi-phenyl-4-yl)-2-ethylallyl]sulfonyl]-2-methylphenoxy]acetic acid 673481-84-0P, [4-[[[3,3-Bis(4'-isopropylbi-phenyl-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673481-87-3P, [4-[[[3,3-Bis(3',4'-difluorobi-phenyl-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673481-90-8P, [4-[[[3,3-Bis(3',4'-difluorobi-phenyl-4-yl)-2-ethylallyl]sulfonyl]-2-methylphenoxy]acetic acid 673481-93-1P, [4-[[[3,3-Bis(3',5'-dichlorobi-phenyl-4-yl)-2-ethylallyl]sulfonyl]-2-methylphenoxy]acetic acid 673481-94-2P, [4-[[[3,3-Bis(3',5'-dichlorobi-phenyl-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673481-97-5P, [4-[[[3,3-Bis(3'-chloro-4'-fluorobi-phenyl-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673481-98-6P, [4-[[[3,3-Bis(3'-chloro-4'-fluorobi-phenyl-4-yl)-2-ethylallyl]sulfonyl]-2-methylphenoxy]acetic acid 673482-00-3P, [4-[[[3,3-Bis(4-(4-methylfuran-2-yl)phenyl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-02-5P, [4-[[[3,3-Bis(4-(4-methylfuran-2-yl)phenyl)-2-ethylallyl]sulfonyl]-2-methylphenoxy]acetic acid 673482-05-8P, [4-[[[3,3-Bis(4-(4-chlorothiophen-2-yl)phenyl)-2-ethylallyl]sulfonyl]-2-methylphenoxy]acetic acid 673482-07-0P, [4-[[[3,3-Bis(4-(4-chlorothiophen-2-yl)phenyl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-11-6P, [4-[[[3,3-Bis(4-(pyridin-3-yl)phenyl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-13-8P, [4-[[[3,3-Bis(4-(pyridin-3-yl)phenyl)-2-ethylallyl]sulfonyl]-2-methylphenoxy]acetic acid 673482-14-9P, [4-[[[3,3-Bis(3'-methoxybi-phenyl-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-15-1P, [4-[[[3,3-Bis(3'-methoxybi-phenyl-4-yl)-2-ethylallyl]sulfonyl]-2-methylphenoxy]acetic acid 673482-19-4P, [4-[[[3,3-Bis(3'-(trifluoromethoxy)bi-phenyl-4-yl)-2-ethylallyl]sulfonyl]-2-methylphenoxy]acetic acid 673482-21-8P, [4-[[[3,3-Bis(3'-(trifluoromethoxy)bi-phenyl-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-22-9P, [4-[[[3,3-Bis(3'-methylbi-phenyl-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-24-1P, [4-[[[3,3-Bis(3'-methylbi-phenyl-4-yl)-2-ethylallyl]sulfonyl]-2-methylphenoxy]acetic acid 673482-27-4P, [4-[[[3,3-Bis(3'-trifluoromethylbi-phenyl-4-yl)-2-ethylallyl]sulfonyl]-2-methylphenoxy]acetic acid 673482-29-6P, [4-[[[3,3-Bis(3'-trifluoromethylbi-phenyl-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-31-0P, [4-[[[3,3-Bis(3'-chlorobi-phenyl-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-34-3P, [4-[[[3,3-Bis(3'-chlorobi-phenyl-4-yl)-2-ethylallyl]sulfonyl]-2-methylphenoxy]acetic acid 673482-36-5P, [4-[[[3,3-Bis(3'-tert-butylbi-phenyl-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-39-8P, [4-[[[3,3-Bis(3'-acetylbi-phenyl-4-yl)-2-ethylallyl]sulfonyl]-2-methylphenoxy]acetic acid 673482-42-3P, [4-[[[3,3-Bis(3'-acetylbi-phenyl-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-45-6P, [4-[[[3,3-Bis(3'-phenoxybi-phenyl-4-yl)-2-ethylallyl]oxy]-2-methylphenoxy]acetic acid 673482-48-9P, [4-[[[3,3-Bis(3'-phenoxybi-phenyl-4-yl)-2-ethylallyl]sulfonyl]-2-methylphenoxy]acetic acid 673482-51-4P, [4-[[[3,3-Bis(3'-isopropylbi-phenyl-4-yl)-2-ethylallyl]sulfonyl]-2-methylphenoxy]acetic acid

RU: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

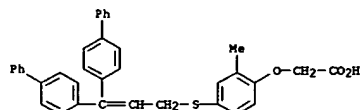
(PPAR δ agonist; prepn. of di(hetero)arylviny carboxylic acids as

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

PPAR δ agonists for treatment of diabetes and related conditions)

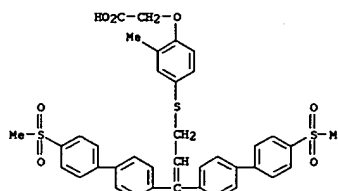
RN 673479-07-7 CAPLUS

CN Acetic acid, [4-[[[3,3-bis([1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



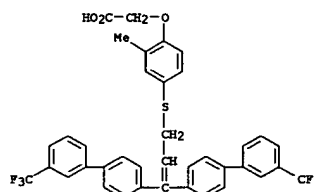
RN 673479-10-2 CAPLUS

CN Acetic acid, [4-[[[3,3-bis(4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 673479-11-3 CAPLUS

CN Acetic acid, [4-[[[3,3-bis(3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

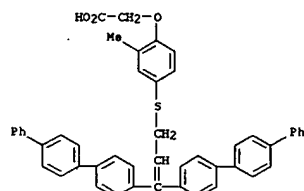


RN 673479-12-4 CAPLUS

CN Acetic acid, [4-[[[3,3-bis([1,1':4',1''-terphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

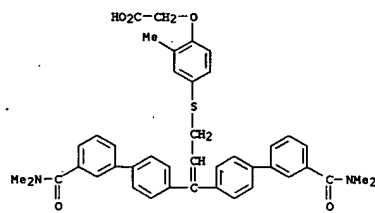
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

methylphenoxy]- (9CI) (CA INDEX NAME)



RN 673479-13-5 CAPLUS

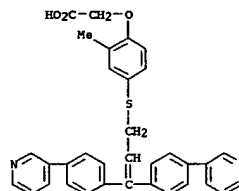
CN Acetic acid, [4-[[[3,3-bis(3'-[(dimethylamino)carbonyl][1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 673479-14-6 CAPLUS

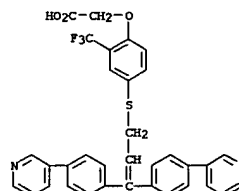
CN Acetic acid, [4-[[[3,3-bis(4-(3-pyridinyl)phenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



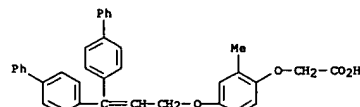
RN 673479-15-7 CAPLUS

CN Acetic acid, [4-[[[3,3-bis(4-(3-pyridinyl)phenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



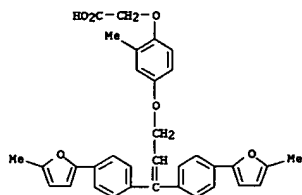
RN 673479-21-5 CAPLUS

CN Acetic acid, [4-[[[3,3-bis([1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

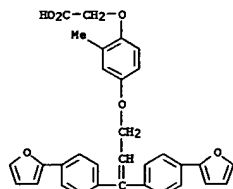


RN 673479-22-6 CAPLUS

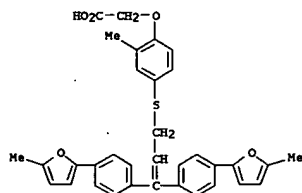
CN Acetic acid, [4-[[[3,3-bis(4-(5-methyl-2-furanyl)phenyl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



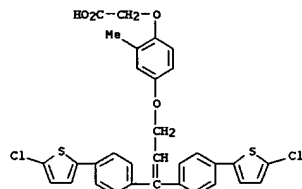
RN 673479-23-7 CAPLUS
CN Acetic acid, 4-[[[3,3-bis[4-(2-furanyl)phenyl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



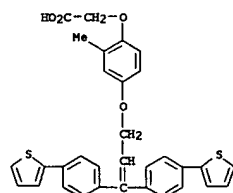
RN 673479-24-8 CAPLUS
CN Acetic acid, 4-[[[3,3-bis[4-(5-methyl-2-furanyl)phenyl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



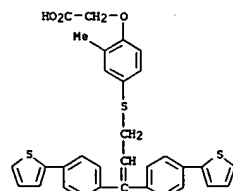
RN 673479-25-9 CAPLUS



RN 673479-28-2 CAPLUS
CN Acetic acid, 4-[[[3,3-bis[4-(2-thienyl)phenyl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

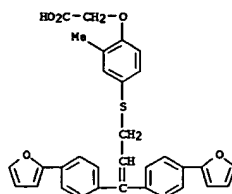


RN 673479-29-3 CAPLUS
CN Acetic acid, 4-[[[3,3-bis[4-(2-thienyl)phenyl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

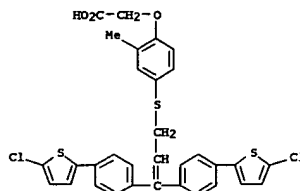


RN 673479-30-6 CAPLUS

CN Acetic acid, 4-[[[3,3-bis[4-(2-furanyl)phenyl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

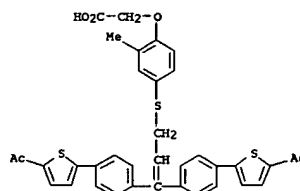


RN 673479-26-0 CAPLUS
CN Acetic acid, 4-[[[3,3-bis[4-(5-chloro-2-thienyl)phenyl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

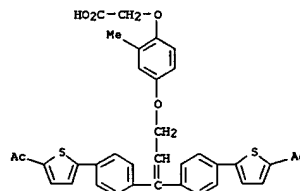


RN 673479-27-1 CAPLUS
CN Acetic acid, 4-[[[3,3-bis[4-(5-chloro-2-thienyl)phenyl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

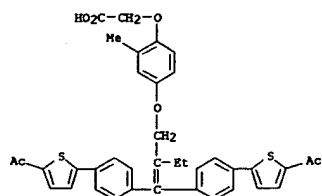
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
CN Acetic acid, 4-[[[3,3-bis[4-(5-acetyl-2-thienyl)phenyl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



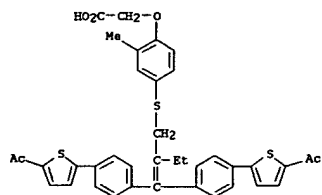
RN 673479-31-7 CAPLUS
CN Acetic acid, 4-[[[3,3-bis[4-(5-acetyl-2-thienyl)phenyl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



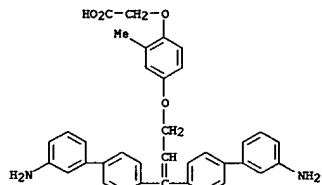
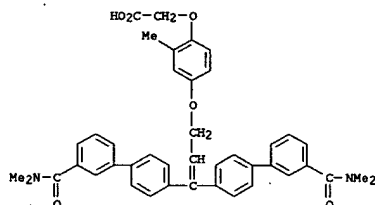
RN 673479-32-8 CAPLUS
CN Acetic acid, 4-[[[2-[[bis[4-(5-acetyl-2-thienyl)phenyl]methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



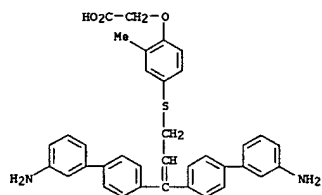
RN 673479-33-9 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-(5-acetyl-2-thienyl)phenyl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



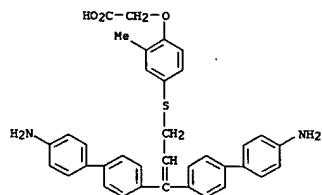
RN 673479-34-0 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-(dimethylamino)carbonyl)[1,1'-biphenyl]-4-yl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 673479-38-4 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-amino[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

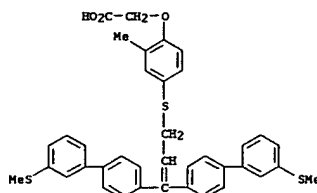


RN 673479-39-5 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-amino[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

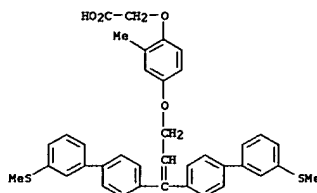


RN 673479-40-8 CAPLUS

RN 673479-35-1 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(3'-(methylthio)[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

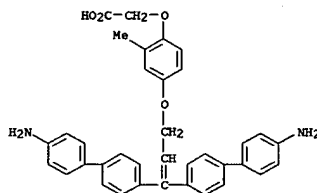


RN 673479-36-2 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(3'-(methylthio)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

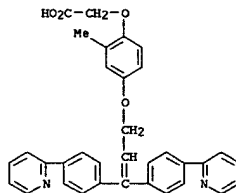


RN 673479-37-3 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(3'-amino[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

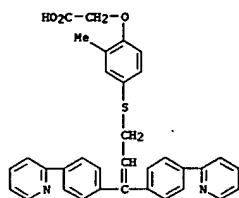
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
CN Acetic acid, [4-[[[3,3-bis(4'-amino[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



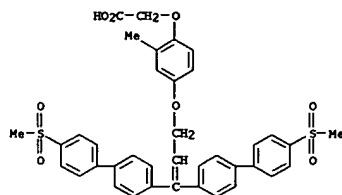
RN 673479-41-9 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-(2-pyridinyl)phenyl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



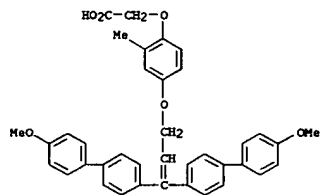
RN 673479-42-0 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-(2-pyridinyl)phenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



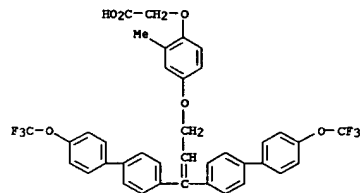
RN 673479-43-1 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



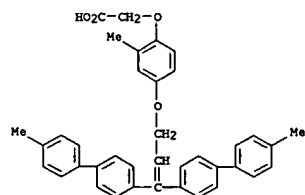
RN 673479-44-2 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



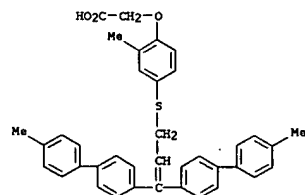
RN 673479-45-3 CAPLUS



RN 673479-48-6 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(methyl[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

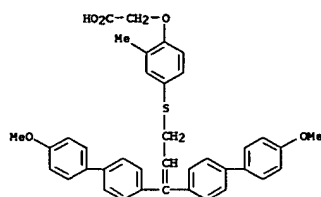


RN 673479-49-7 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(methyl[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

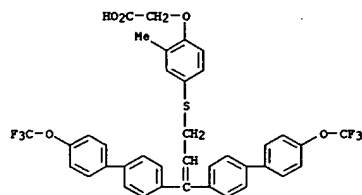


RN 673479-50-0 CAPLUS

CN Acetic acid, [4-[[[3,3-bis(4'-(methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

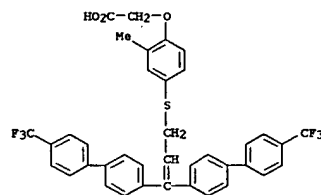


RN 673479-46-4 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(trifluoromethoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

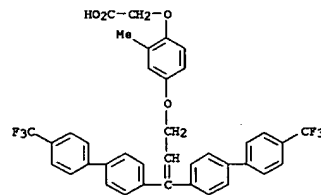


RN 673479-47-5 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(trifluoromethyl[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

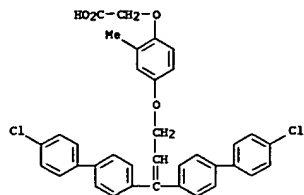
CN Acetic acid, [4-[[[3,3-bis(4'-(trifluoromethyl[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



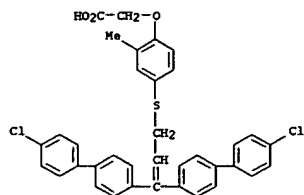
RN 673479-51-1 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(trifluoromethyl[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



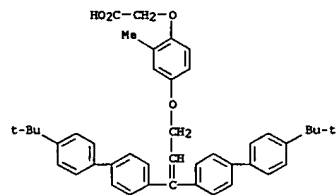
RN 673479-52-2 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(chloro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy)-2-methylphenoxy]- (9CI) (CA INDEX NAME)



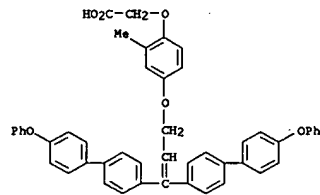
RN 673479-53-3 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-chloro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



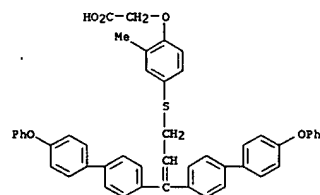
RN 673479-54-4 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(1,1-dimethylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



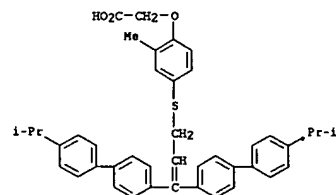
RN 673479-55-5 CAPLUS



RN 673479-58-8 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

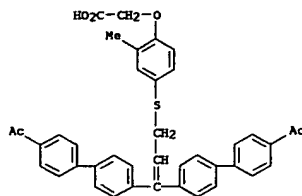


RN 673479-59-9 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(1-methylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

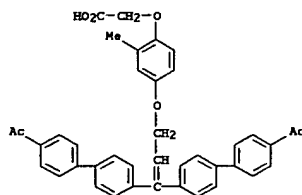


RN 673479-60-2 CAPLUS

CN Acetic acid, [4-[[[3,3-bis(4'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

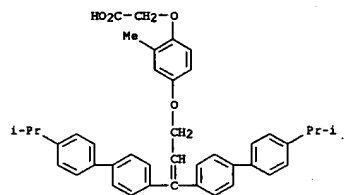


RN 673479-56-6 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

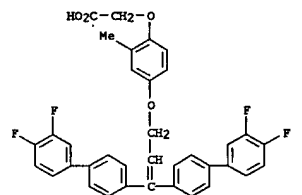


RN 673479-57-7 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

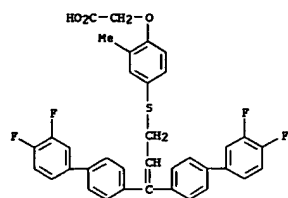
CN Acetic acid, [4-[[[3,3-bis(4'-(1-methylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



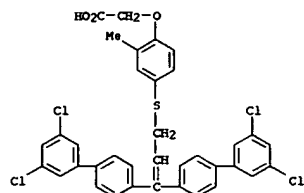
RN 673479-61-3 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(3',4'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



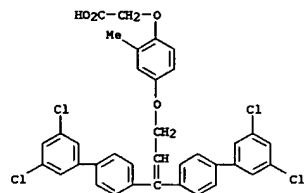
RN 673479-62-4 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(3',4'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



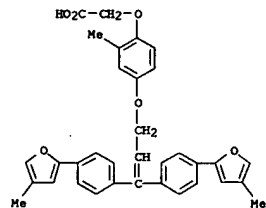
RN 673479-63-5 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(3',5'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)



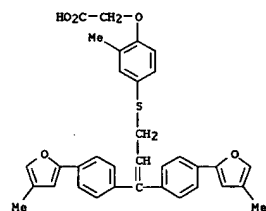
RN 673479-64-6 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(3',5'-dichloro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)



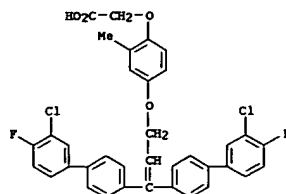
RN 673479-65-7 CAPLUS



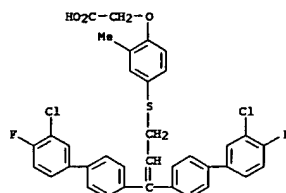
RN 673479-68-0 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-(4-methyl-2-furanyl)phenyl)-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)



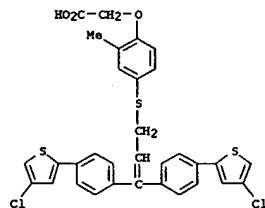
RN 673479-69-1 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-(4-chloro-2-thienyl)phenyl)-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)



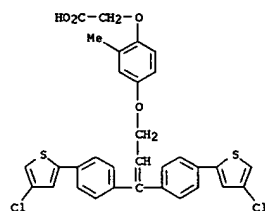
RN 673479-66-8 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)



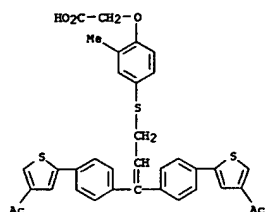
RN 673479-67-9 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-(4-methyl-2-furanyl)phenyl)-2-propenyl]oxy]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)



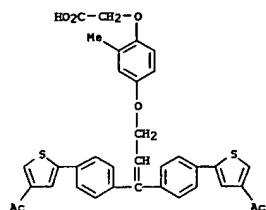
RN 673479-70-4 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-(4-chloro-2-thienyl)phenyl)-2-propenyl]oxy]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)



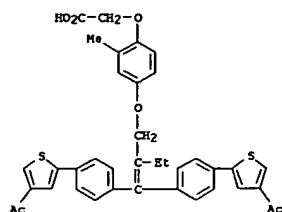
RN 673479-71-5 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-(4-acetyl-2-thienyl)phenyl)-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)



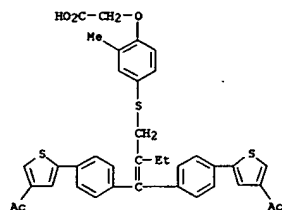
RN 673479-72-6 CAPLUS
CN Acetic acid, [4-[[3,3-bis[4-(4-acetyl-2-thienyl)phenyl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



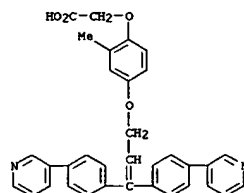
RN 673479-73-7 CAPLUS
CN Acetic acid, [4-[[2-[bis[4-(4-acetyl-2-thienyl)phenyl]methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



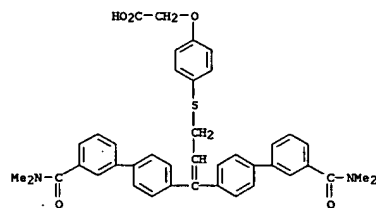
RN 673479-74-8 CAPLUS
CN Acetic acid, [4-[[2-[bis[4-(4-acetyl-2-thienyl)phenyl]methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



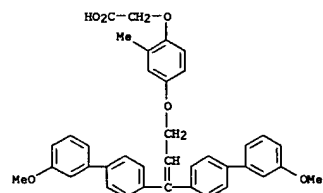
RN 673479-75-9 CAPLUS
CN Acetic acid, [4-[[3,3-bis[4-(3-pyridinyl)phenyl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



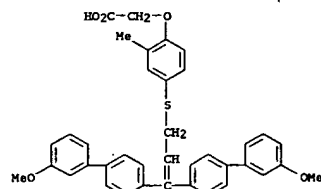
RN 673479-76-0 CAPLUS
CN Acetic acid, [4-[[3,3-bis[3'-[(dimethylamino)carbonyl][1,1'-biphenyl]-4-yl]-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



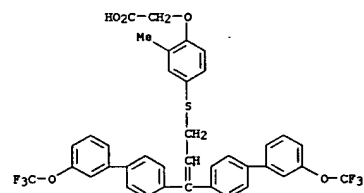
RN 673479-77-1 CAPLUS
CN Acetic acid, [4-[[3,3-bis[3'-methoxy[1,1'-biphenyl]-4-yl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



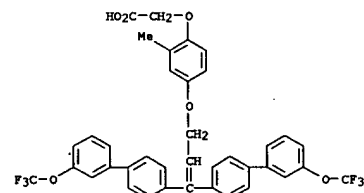
RN 673479-78-2 CAPLUS
CN Acetic acid, [4-[[3,3-bis[3'-methoxy[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 673479-79-3 CAPLUS
CN Acetic acid, [4-[[3,3-bis[3'-[(trifluoromethoxy)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

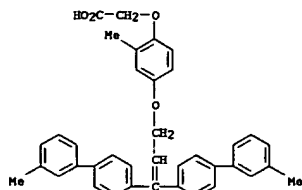


RN 673479-80-6 CAPLUS
CN Acetic acid, [4-[[3,3-bis[3'-[(trifluoromethoxy)[1,1'-biphenyl]-4-yl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

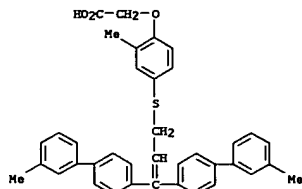


RN 673479-81-7 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[3,3-bis(3'-methyl[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

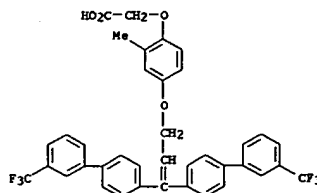


RN 673479-82-8 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-methyl[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

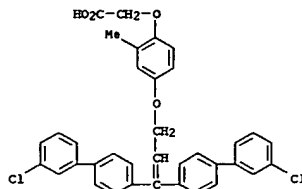


RN 673479-83-9 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

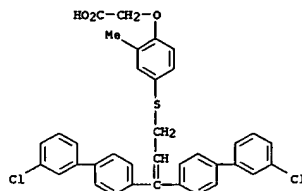
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673479-84-0 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-chloro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

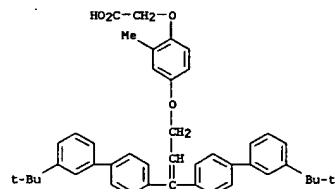


RN 673479-85-1 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-chloro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

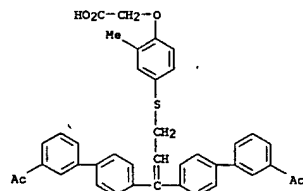


RN 673479-86-2 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[3,3-bis(3'-(1,1-dimethylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

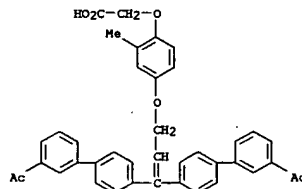


RN 673479-87-3 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

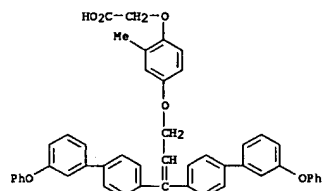


RN 673479-88-4 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

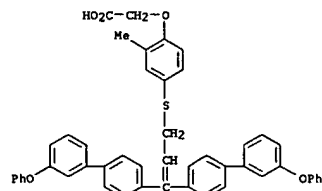
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673479-89-5 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

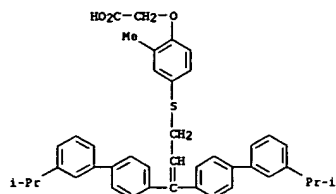


RN 673479-90-8 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]]- (9CI) (CA INDEX NAME)

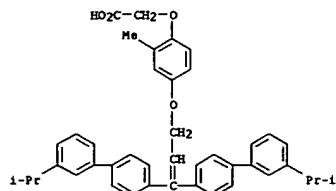


RN 673479-91-9 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[3,3-bis(3'-(1-methylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



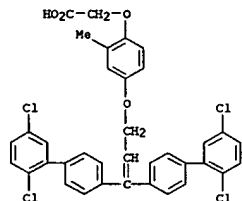
RN 673479-92-0 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2'-(1-methylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



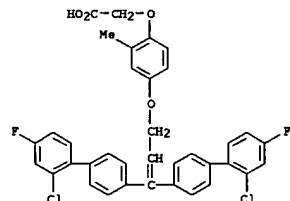
RN 673479-93-1 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2',4'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[3,3-bis(2',5'-dichloro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



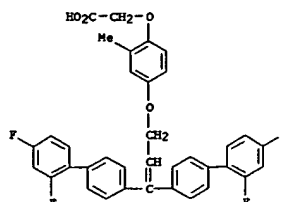
RN 673479-97-5 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



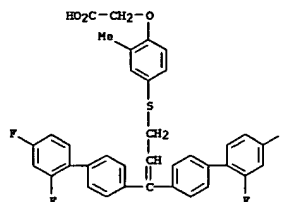
RN 673479-98-6 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



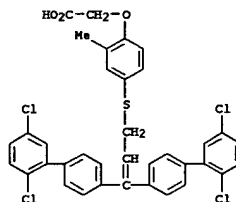
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673479-94-2 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2',4'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

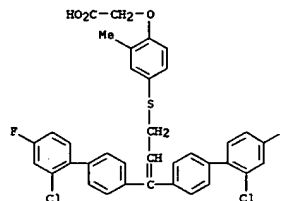


RN 673479-95-3 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2',5'-dichloro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

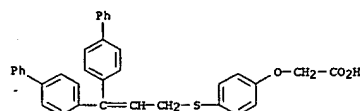


RN 673479-96-4 CAPLUS

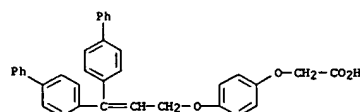
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673479-99-7 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2',4'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

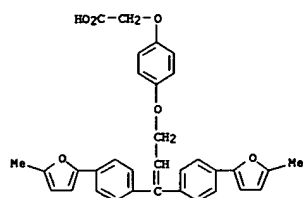


RN 673480-00-7 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2',4'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

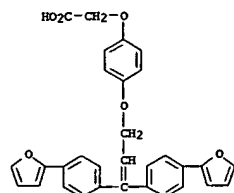


RN 673480-01-8 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4-(5-methyl-2-furanyl)phenyl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

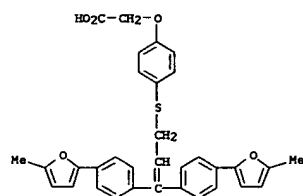




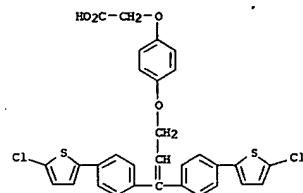
RN 673480-02-9 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(2-furanyl)phenyl]-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



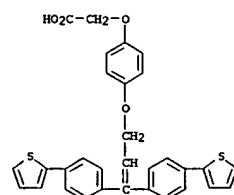
RN 673480-03-0 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(5-methyl-2-furanyl)phenyl]-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



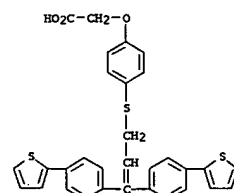
RN 673480-04-1 CAPLUS



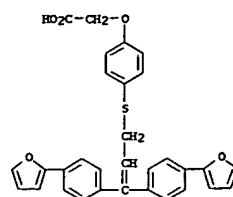
RN 673480-07-4 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(2-thienyl)phenyl]-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



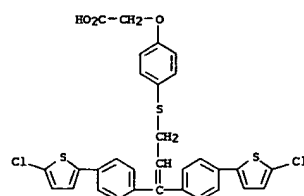
RN 673480-08-5 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(2-thienyl)phenyl]-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



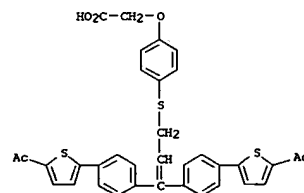
RN 673480-09-6 CAPLUS



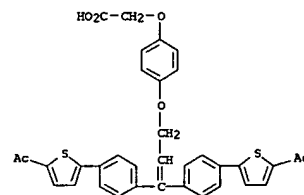
RN 673480-05-2 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(5-chloro-2-thienyl)phenyl]-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



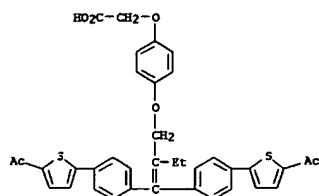
RN 673480-06-3 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(5-chloro-2-thienyl)phenyl]-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



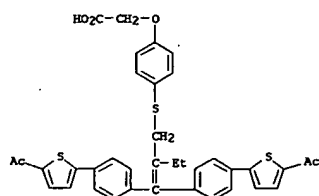
RN 673480-10-9 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(5-acetyl-2-thienyl)phenyl]-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



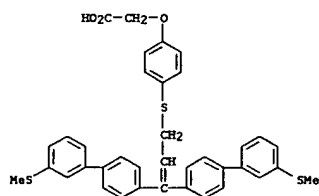
RN 673480-11-0 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(5-acetyl-2-thienyl)phenyl]methylene]butoxy]phenoxy]- (9CI) (CA INDEX NAME)



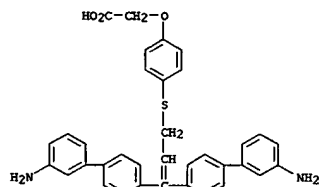
RN 673480-12-1 CAPLUS
CN Acetic acid, [4-[[2-[bis[4-(5-acetyl-2-thienyl)phenyl]methylene]butyl]thio
]phenoxy]- (9CI) (CA INDEX NAME)



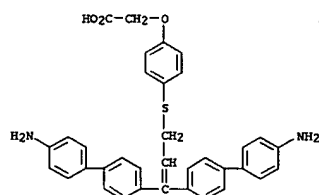
RN 673480-13-2 CAPLUS
CN Acetic acid, [4-[[3,3-bis[3'-(methylthio)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



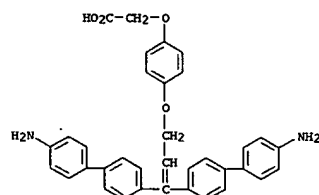
RN 673480-14-3 CAPLUS



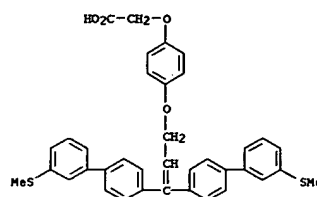
RN 673480-17-6 CAPLUS
CN Acetic acid, [4-[[3,3-bis(4'-amino[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



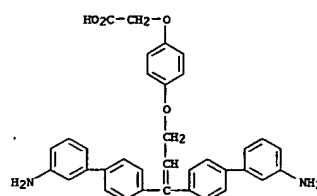
RN 673480-18-7 CAPLUS
CN Acetic acid, [4-[[3,3-bis(4'-amino[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



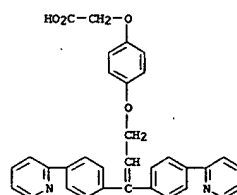
RN 673480-19-8 CAPLUS



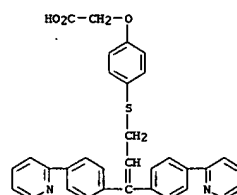
RN 673480-15-4 CAPLUS
CN Acetic acid, [4-[[3,3-bis(3'-amino[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



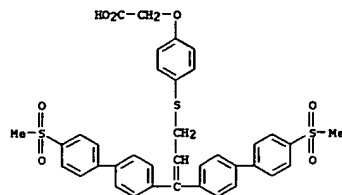
RN 673480-16-5 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(3'-amino[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]-(9CI) (CA INDEX NAME)



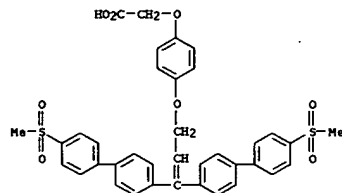
RN 673480-20-1 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(2-pyridinyl)phenyl]-2-propenyl]thio]phenoxy]-(9CI) (CA INDEX NAME)



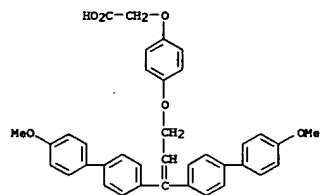
RN 673480-21-2 CAPLUS
CN Acetic acid, [4-[[3,3-bis[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



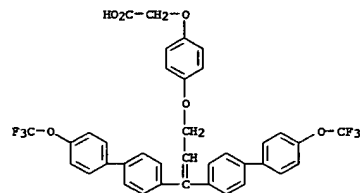
RN 673480-22-3 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



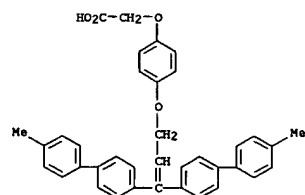
RN 673480-23-4 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



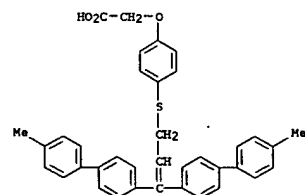
RN 673480-24-5 CAPLUS



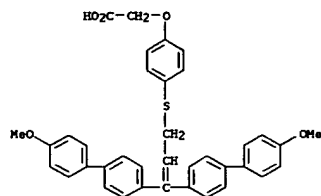
RN 673480-28-9 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(methyl[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



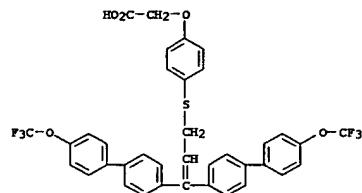
RN 673480-30-3 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(methyl[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



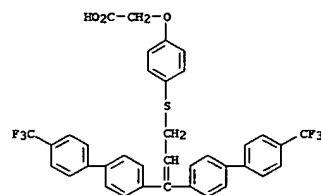
RN 673480-32-5 CAPLUS



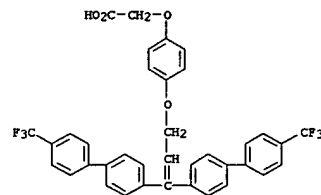
RN 673480-25-6 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(trifluoromethoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



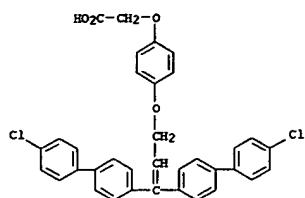
RN 673480-26-7 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(trifluoromethyl[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



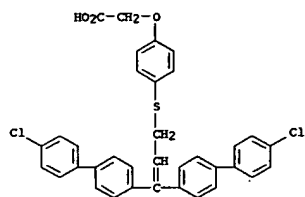
RN 673480-33-6 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(trifluoromethyl[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



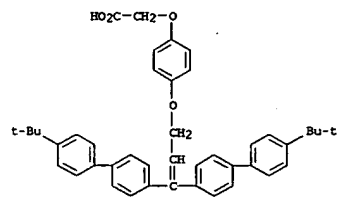
RN 673480-34-7 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(chloro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



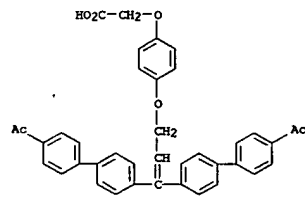
RN 673480-35-8 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-chloro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



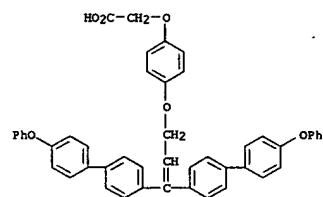
RN 673480-36-9 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(1,1-dimethylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



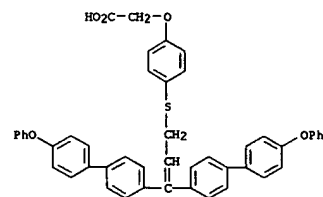
RN 673480-37-0 CAPLUS



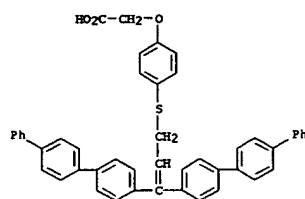
RN 673480-40-5 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



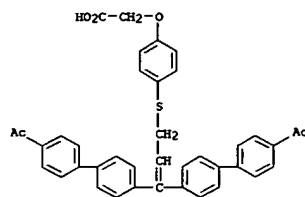
RN 673480-41-6 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



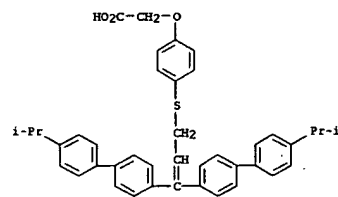
RN 673480-42-7 CAPLUS



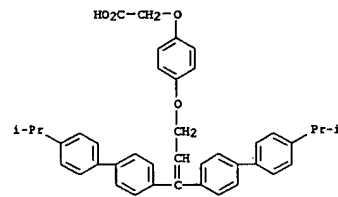
RN 673480-38-1 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



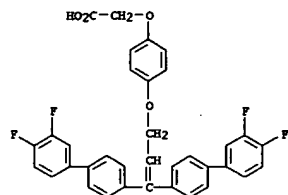
RN 673480-39-2 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



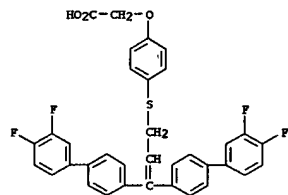
RN 673480-43-8 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-(1-methylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



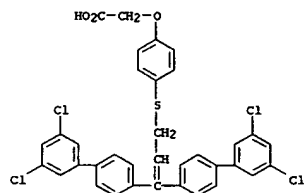
RN 673480-44-9 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



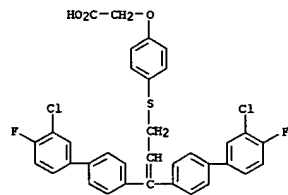
RN 673480-45-0 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(3',4'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



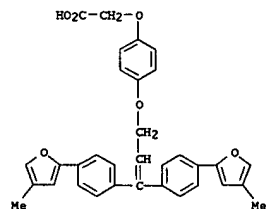
RN 673480-46-1 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(3',5'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



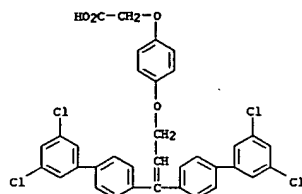
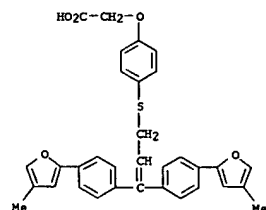
RN 673480-47-2 CAPLUS



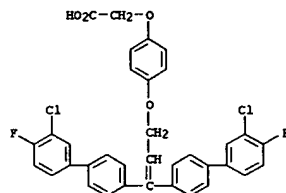
RN 673480-50-7 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-(4-methyl-2-furanyl)phenyl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 673480-51-8 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-(4-methyl-2-furanyl)phenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

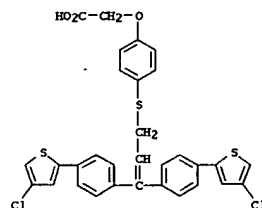


RN 673480-48-3 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

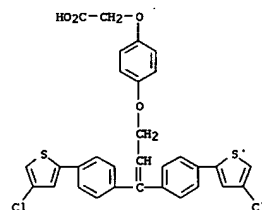


RN 673480-49-4 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

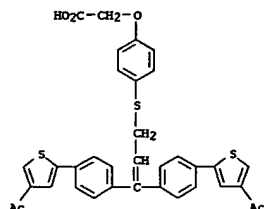
RN 673480-52-9 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-(4-chloro-2-thienyl)phenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



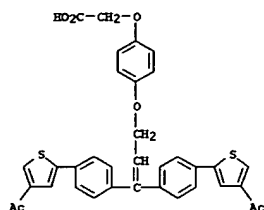
RN 673480-53-0 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-(4-chloro-2-thienyl)phenyl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 673480-54-1 CAPLUS
CN Acetic acid, [4-[[[3,3-bis(4-(4-acetyl-2-thienyl)phenyl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

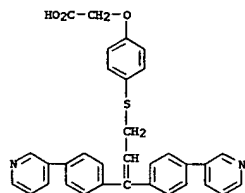


RN 673480-55-2 CAPLUS
CN Acetic acid, [4-[[3,3-bis[4-(4-acetyl-2-thienyl)phenyl]-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

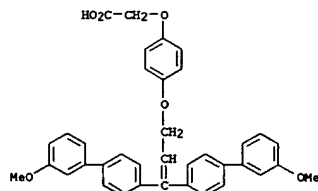


RN 673480-56-3 CAPLUS
CN Acetic acid, [4-[[2-[[bis[4-(4-acetyl-2-thienyl)phenyl]methylene]butoxy]phenyl]oxy]- (9CI) (CA INDEX NAME)

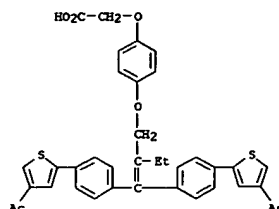
RN 673480-59-6 CAPLUS
CN Acetic acid, [4-[[3,3-bis[4-(3-pyridinyl)phenyl]-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



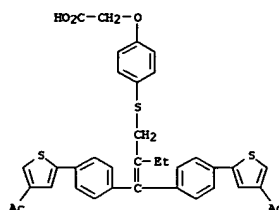
RN 673480-60-9 CAPLUS
CN Acetic acid, [4-[[3,3-bis[3'-(methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



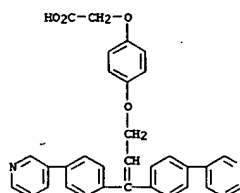
RN 673480-61-0 CAPLUS
CN Acetic acid, [4-[[3,3-bis[3'-(methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



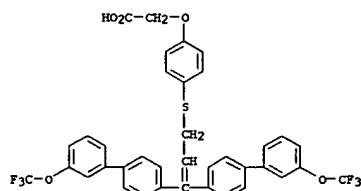
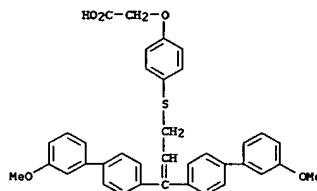
RN 673480-57-4 CAPLUS
CN Acetic acid, [4-[[2-[[bis[4-(4-acetyl-2-thienyl)phenyl]methylene]butyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



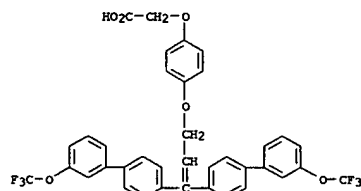
RN 673480-58-5 CAPLUS
CN Acetic acid, [4-[[3,3-bis[4-(3-pyridinyl)phenyl]-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



RN 673480-62-1 CAPLUS
CN Acetic acid, [4-[[3,3-bis[3'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

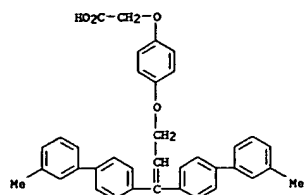


RN 673480-63-2 CAPLUS
CN Acetic acid, [4-[[3,3-bis[3'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl]-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

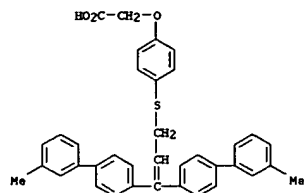


RN 673480-64-3 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[3,3-bis(3'-methyl[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

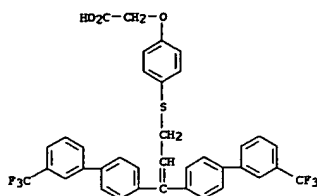


RN 673480-65-4 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-methyl[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

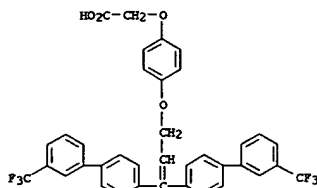


RN 673480-66-5 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

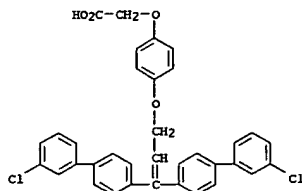
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673480-67-6 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

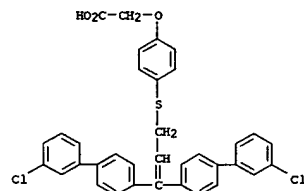


RN 673480-68-7 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-chloro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

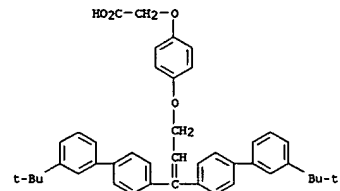


RN 673480-69-8 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[3,3-bis(3'-chloro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

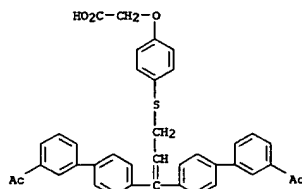


RN 673480-70-1 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-(1,1-dimethylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

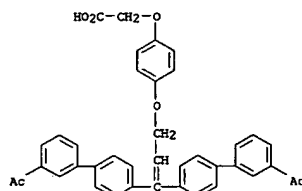


RN 673480-71-2 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

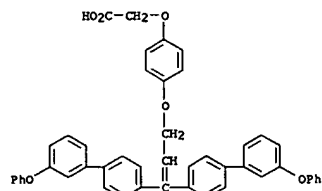
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673480-72-3 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

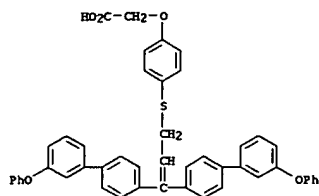


RN 673480-73-4 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

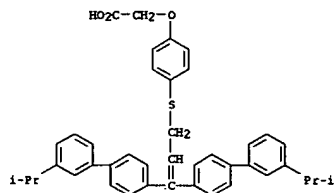


RN 673480-74-5 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[3,3-bis(3'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

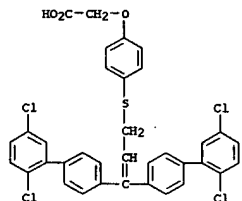


RN 673480-75-6 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-(1-methylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

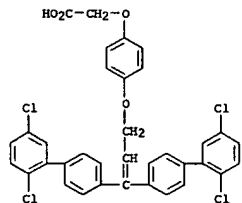


RN 673480-76-7 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2'-(1-methylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[3,3-bis(2',5'-dichloro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

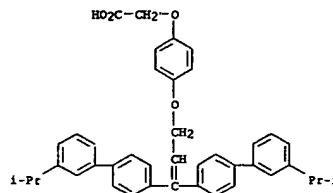


RN 673480-80-3 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2',5'-dichloro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

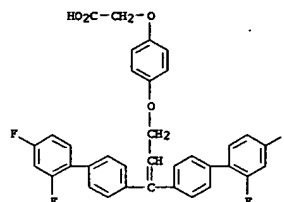


RN 673480-81-4 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

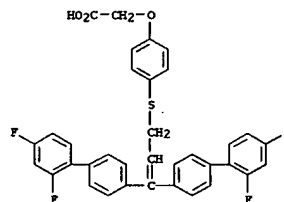
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673480-77-8 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2',4'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

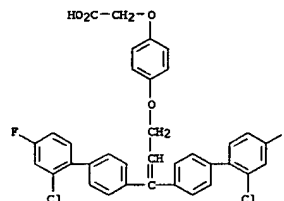


RN 673480-78-9 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2',4'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

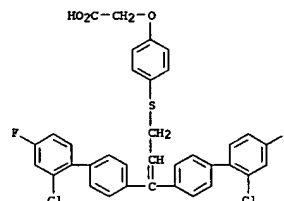


RN 673480-79-0 CAPLUS

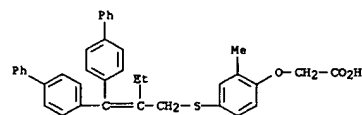
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



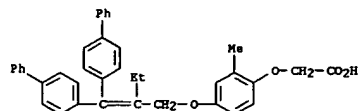
RN 673480-83-6 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



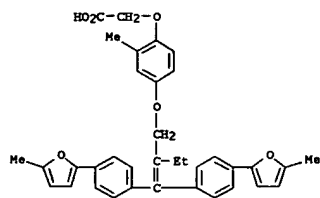
RN 673480-85-8 CAPLUS
 CN Acetic acid, [4-[[[2-[bis([1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



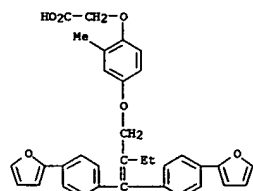
RN 673480-87-0 CAPLUS
 CN Acetic acid, [4-[[[2-[bis([1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 673480-89-2 CAPLUS
CN Acetic acid, [4-[[2-[[bis(4-(5-methyl-2-furanyl)phenyl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

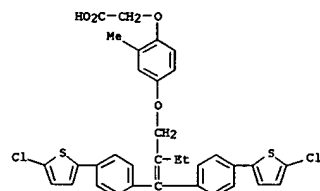


RN 673480-91-6 CAPLUS
CN Acetic acid, [4-[[2-[[bis(4-(2-furanyl)phenyl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

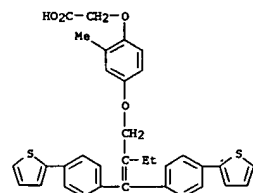


RN 673480-94-9 CAPLUS
CN Acetic acid, [4-[[2-[[bis(4-(5-methyl-2-furanyl)phenyl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

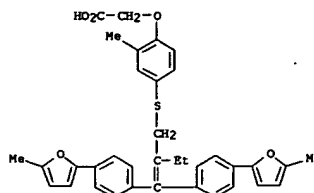
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
CN Acetic acid, [4-[[2-[[bis(4-(5-chloro-2-thienyl)phenyl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



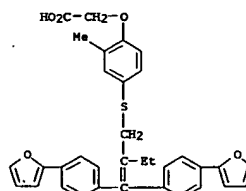
RN 673481-05-5 CAPLUS
CN Acetic acid, [4-[[2-[[bis(4-(2-thienyl)phenyl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



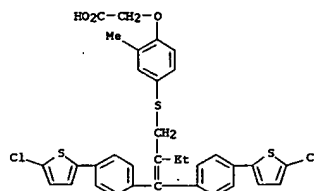
RN 673481-08-8 CAPLUS
CN Acetic acid, [4-[[2-[[bis(4-(2-thienyl)phenyl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



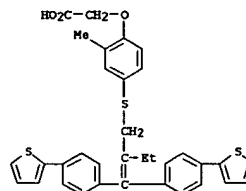
RN 673480-97-2 CAPLUS
CN Acetic acid, [4-[[2-[[bis(4-(2-furanyl)phenyl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



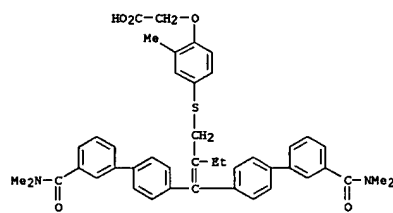
RN 673480-99-4 CAPLUS
CN Acetic acid, [4-[[2-[[bis(4-(5-chloro-2-thienyl)phenyl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



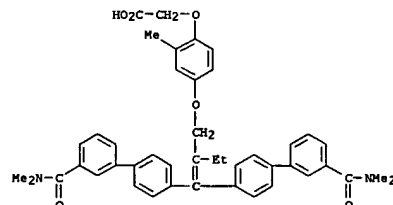
RN 673481-02-2 CAPLUS



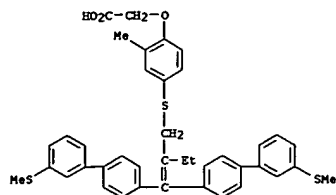
RN 673481-11-3 CAPLUS
CN Acetic acid, [4-[[2-[[bis(3'-((dimethylamino)carbonyl)[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



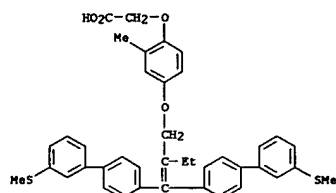
RN 673481-13-5 CAPLUS
CN Acetic acid, [4-[[2-[[bis(3'-((dimethylamino)carbonyl)[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



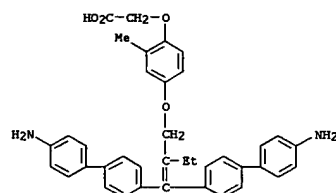
RN 673481-16-8 CAPLUS
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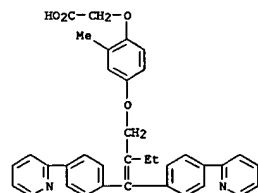
RN 673481-19-1 CAPLUS
 CN Acetic acid, [4-[[2-[[bis(3'-(methylthio)[1,1'-biphenyl]-4-yl)methylene]butoxy]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



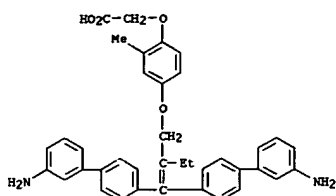
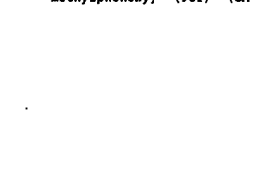
RN 673481-22-6 CAPLUS
 CN Acetic acid, [4-[[2-[[bis(3'-amino[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



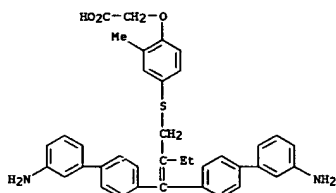
RN 673481-32-8 CAPLUS
 CN Acetic acid, [4-[[2-[[bis(4-(2-pyridinyl)phenyl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



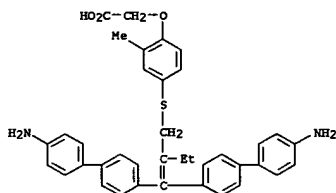
RN 673481-35-1 CAPLUS
 CN Acetic acid, [4-[[2-[[bis(4-(2-pyridinyl)phenyl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



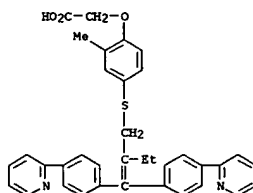
RN 673481-24-8 CAPLUS
 CN Acetic acid, [4-[[2-[[bis(3'-amino[1,1'-biphenyl]-4-yl)methylene]butoxy]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



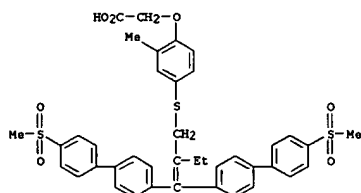
RN 673481-27-1 CAPLUS
 CN Acetic acid, [4-[[2-[[bis(4'-amino[1,1'-biphenyl]-4-yl)methylene]butoxy]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



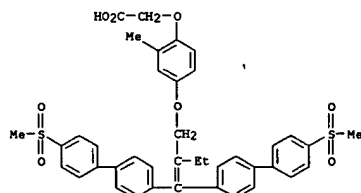
RN 673481-29-3 CAPLUS



RN 673481-36-2 CAPLUS
 CN Acetic acid, [4-[[2-[[bis(4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl)methylene]butoxy]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

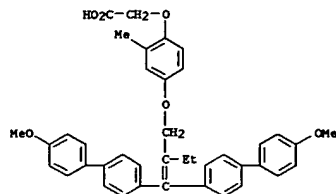


RN 673481-38-4 CAPLUS
 CN Acetic acid, [4-[[2-[[bis(4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

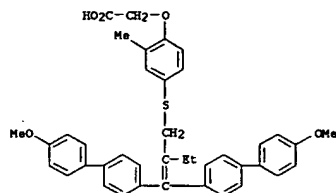


RN 673481-40-8 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[2-[bis(4'-methoxy[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

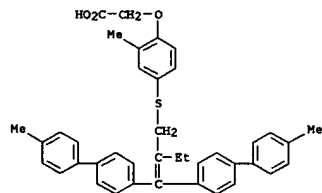


RN 673481-42-0 CAPLUS
 CN Acetic acid, [4-[[2-[bis(4'-methoxy[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

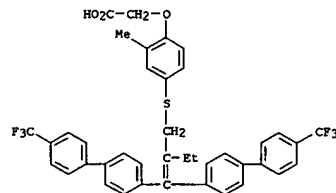


RN 673481-44-2 CAPLUS
 CN Acetic acid, [4-[[2-[bis(4'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[2-[bis(4'-methyl[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

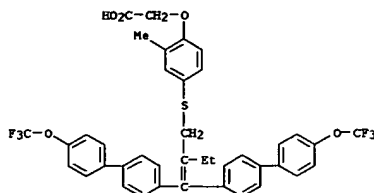


RN 673481-56-6 CAPLUS
 CN Acetic acid, [4-[[2-[bis(4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

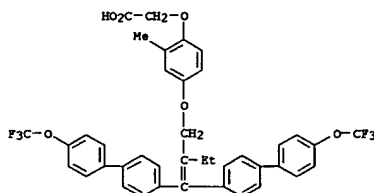


RN 673481-58-8 CAPLUS
 CN Acetic acid, [4-[[2-[bis(4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

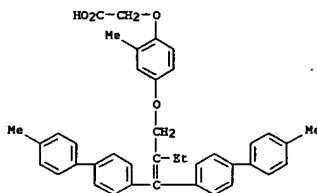
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673481-47-5 CAPLUS
 CN Acetic acid, [4-[[2-[bis(4'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

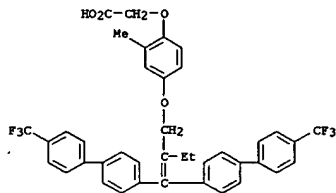


RN 673481-50-0 CAPLUS
 CN Acetic acid, [4-[[2-[bis(4'-methyl[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

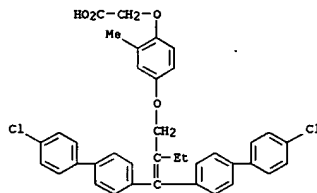


RN 673481-53-3 CAPLUS

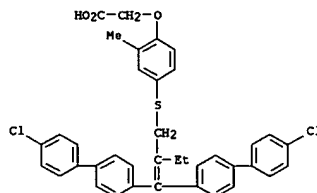
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673481-61-3 CAPLUS
 CN Acetic acid, [4-[[2-[bis(4'-chloro[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

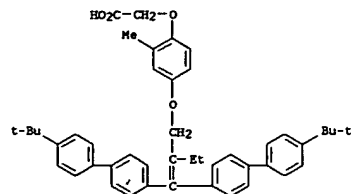


RN 673481-64-6 CAPLUS
 CN Acetic acid, [4-[[2-[bis(4'-chloro[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

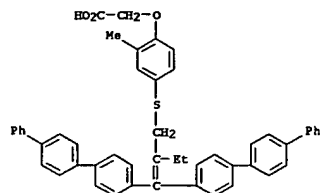


RN 673481-67-9 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[2-[[bis(4'-(1,1-dimethylethyl)[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

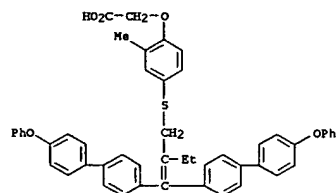


RN 673481-70-4 CAPLUS
 CN Acetic acid, [4-[[2-[[bis([1,1':4',1''-terphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

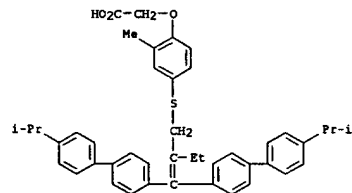


RN 673481-73-7 CAPLUS
 CN Acetic acid, [4-[[2-[[bis(4'-acetyl[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[2-[[bis(4'-phenoxy[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

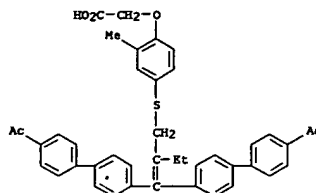


RN 673481-82-8 CAPLUS
 CN Acetic acid, [4-[[2-[[bis(4'-(1-methylethyl)[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

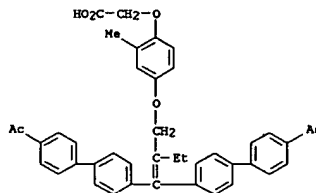


RN 673481-84-0 CAPLUS
 CN Acetic acid, [4-[[2-[[bis(4'-(1-methylethyl)[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

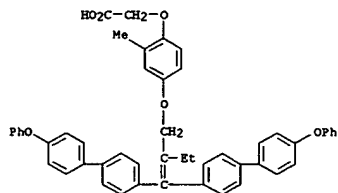
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673481-76-0 CAPLUS
 CN Acetic acid, [4-[[2-[[bis(4'-acetyl[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

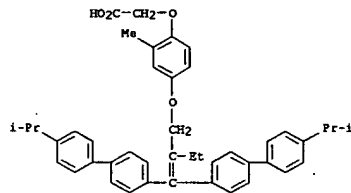


RN 673481-79-3 CAPLUS
 CN Acetic acid, [4-[[2-[[bis(4'-phenoxy[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

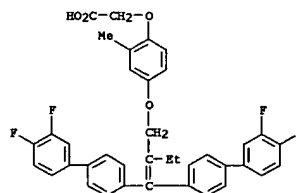


RN 673481-80-6 CAPLUS

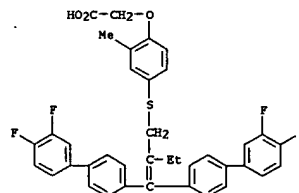
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673481-87-3 CAPLUS
 CN Acetic acid, [4-[[2-[[bis(3',4'-difluoro[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

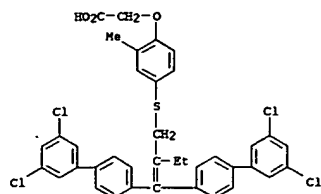


RN 673481-90-8 CAPLUS
 CN Acetic acid, [4-[[2-[[bis(3',4'-difluoro[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

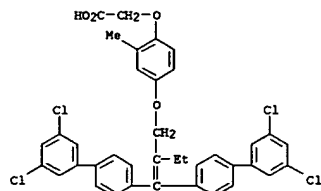


RN 673481-93-1 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[2-[bis(3',5'-dichloro[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

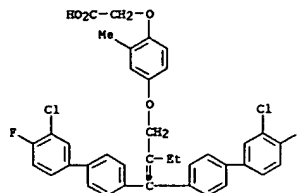


RN 673481-94-2 CAPLUS
 CN Acetic acid, [4-[[2-[bis(3',5'-dichloro[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

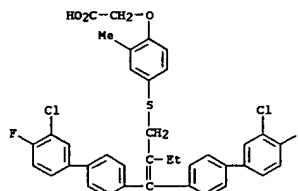


RN 673481-97-5 CAPLUS
 CN Acetic acid, [4-[[2-[bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

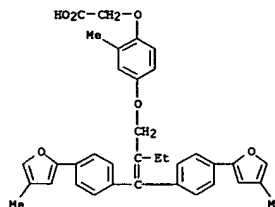
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



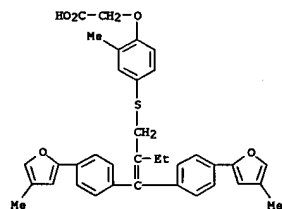
RN 673481-98-6 CAPLUS
 CN Acetic acid, [4-[[2-[bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



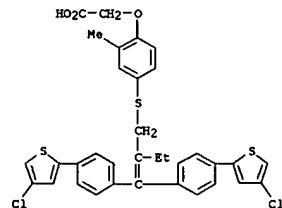
RN 673482-00-3 CAPLUS
 CN Acetic acid, [4-[[2-[bis[4-(4-methyl-2-furanyl)phenyl]methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 673482-02-5 CAPLUS
 CN Acetic acid, [4-[[2-[bis[4-(4-methyl-2-furanyl)phenyl]methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

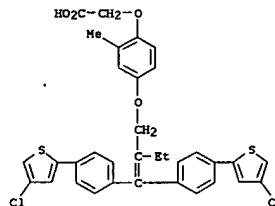


RN 673482-05-8 CAPLUS
 CN Acetic acid, [4-[[2-[bis[4-(4-chloro-2-thienyl)phenyl]methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

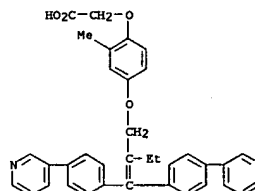


RN 673482-07-0 CAPLUS
 CN Acetic acid, [4-[[2-[bis[4-(4-chloro-2-thienyl)phenyl]methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

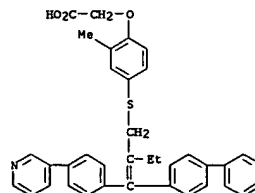
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



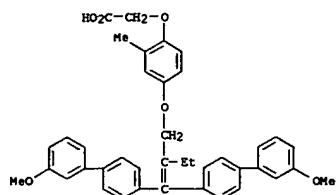
RN 673482-11-6 CAPLUS
 CN Acetic acid, [4-[[2-[bis[4-(3-pyridinyl)phenyl]methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



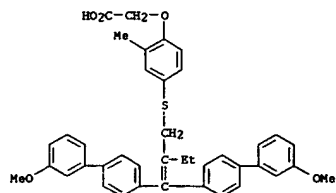
RN 673482-13-8 CAPLUS
 CN Acetic acid, [4-[[2-[bis[4-(3-pyridinyl)phenyl]methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 673482-14-9 CAPLUS
 CN Acetic acid, [4-[[2-[bis(3'-methoxy[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

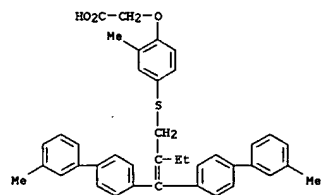


RN 673482-16-1 CAPLUS
 CN Acetic acid, [4-[[2-[bis(3'-methoxy[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

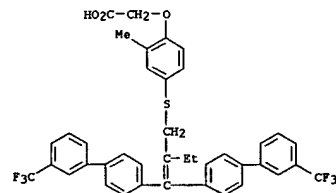


RN 673482-19-4 CAPLUS
 CN Acetic acid, [4-[[2-[bis(3'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[2-[bis(3'-methyl[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

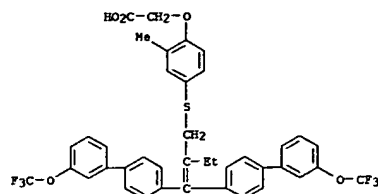


RN 673482-27-4 CAPLUS
 CN Acetic acid, [4-[[2-[bis(3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

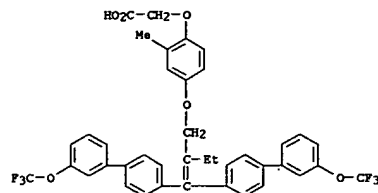


RN 673482-29-6 CAPLUS
 CN Acetic acid, [4-[[2-[bis(3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

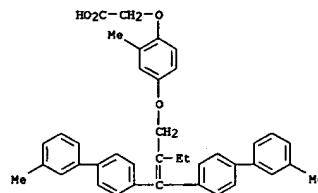
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673482-21-8 CAPLUS
 CN Acetic acid, [4-[[2-[bis(3'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

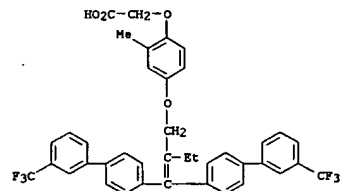


RN 673482-22-9 CAPLUS
 CN Acetic acid, [4-[[2-[bis(3'-methyl[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

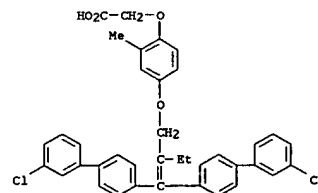


RN 673482-24-1 CAPLUS

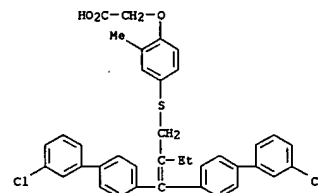
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673482-31-0 CAPLUS
 CN Acetic acid, [4-[[2-[bis(3'-chloro[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

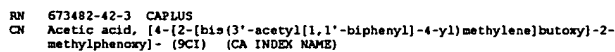
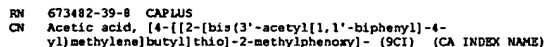


RN 673482-34-3 CAPLUS
 CN Acetic acid, [4-[[2-[bis(3'-chloro[1,1'-biphenyl]-4-yl)methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 673482-36-5 CAPLUS

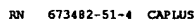
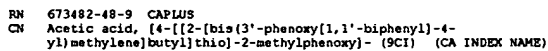
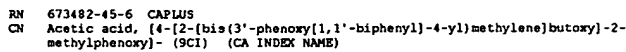
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
CN Acetic acid, [4-[2-[bis[3'-(1,1-dimethylethyl)[1,1'-biphenyl]-4-yl]methylene]butoxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
CN Acetic acid, [4-[[2-[bis(3'-(1-methylethyl)[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

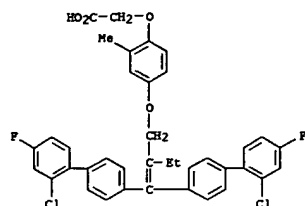


L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

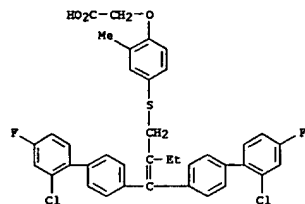


14 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS ON STN (Continued)

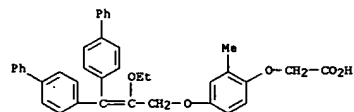
4-[[[3,3-Bis(4-(pyridin-2-yl)phenyl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-09-59, 4-[[[3,3-Bis(4-(pyridin-2-yl)phenyl)-2-ethoxallyl]sulfanyl]-2-methylphenoxy]acetic acid 673483-10-59, 4-[[[3,3-Bis(4'-methanesulfonylbiphenyl-4-yl)-2-ethoxallyl]sulfanyl]-2-methylphenoxy]acetic acid 673483-13-19, 4-[[[3,3-Bis(4'-methanesulfonylbiphenyl-4-yl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-16-59, 4-[[[3,3-Bis(4'-dimethylcarbamoylbiphenyl-4-yl)-2-ethoxallyl]sulfanyl]-2-methylphenoxy]acetic acid 673483-19-79, 4-[[[3,3-Bis(3'-dimethylcarbamoylbiphenyl-4-yl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-22-29, 4-[[[3,3-Bis(4'-methoxybiphenyl-4-yl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-23-39, 4-[[[3,3-Bis(4'-methoxybiphenyl-4-yl)-2-ethoxallyl]sulfanyl]-2-methylphenoxy]acetic acid 673483-26-69, 4-[[[3,3-Bis(4'-trifluoromethoxybiphenyl-4-yl)-2-ethoxallyl]sulfanyl]-2-methylphenoxy]acetic acid 673483-29-59, 4-[[[3,3-Bis(4'-trifluoromethoxybiphenyl-4-yl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-32-49, 4-[[[3,3-Bis(4'-methylbiphenyl-4-yl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-36-69, 4-[[[3,3-Bis(4'-methylbiphenyl-4-yl)-2-ethoxallyl]sulfanyl]-2-methylphenoxy]acetic acid 673483-39-19, 4-[[[3,3-Bis(4'-trifluoromethoxybiphenyl-4-yl)-2-ethoxallyl]sulfanyl]-2-methylphenoxy]acetic acid 673483-42-69, 4-[[[3,3-Bis(4'-trifluoromethoxybiphenyl-4-yl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-43-79, 4-[[[3,3-Bis(4'-chlorobiphenyl-4-yl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-46-09, 4-[[[3,3-Bis(4'-chlorobiphenyl-4-yl)-2-ethoxallyl]sulfanyl]-2-methylphenoxy]acetic acid 673483-48-29, 4-[[[3,3-Bis(4'-tert-butylbiphenyl-4-yl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-50-69 673483-52-69, 4-[[[3,3-Bis(4'-acetylbiphenyl-4-yl)-2-ethoxallyl]sulfanyl]-2-methylphenoxy]acetic acid 673483-55-19, 4-[[[3,3-Bis(4'-isopropoxybiphenyl-4-yl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-57-39, 4-[[[3,3-Bis(4'-phenoxybiphenyl-4-yl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-59-59, 4-[[[3,3-Bis(4'-phenoxybiphenyl-4-yl)-2-ethoxallyl]sulfanyl]-2-methylphenoxy]acetic acid 673483-61-99, 4-[[[3,3-Bis(4'-isopropylbiphenyl-4-yl)-2-ethoxallyl]sulfanyl]-2-methylphenoxy]acetic acid 673483-63-19, 4-[[[3,3-Bis(4'-isopropylbiphenyl-4-yl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-65-19, 4-[[[3,3-Bis(4'-difluorobiphenyl-4-yl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-67-59, 4-[[[3,3-Bis(3',4'-difluorobiphenyl-4-yl)-2-ethoxallyl]sulfanyl]-2-methylphenoxy]acetic acid 673483-70-09, 4-[[[3,3-Bis(3',5'-dichlorobiphenyl-4-yl)-2-ethoxallyl]sulfanyl]-2-methylphenoxy]acetic acid 673483-72-29, 4-[[[3,3-Bis(3',5'-dichlorobiphenyl-4-yl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-74-49, 4-[[[3,3-Bis(3'-chloro-4'-fluorobiphenyl-4-yl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-77-79, 4-[[[3,3-Bis(4'-chlorobiphenyl-4-yl)-2-ethoxallyl]sulfanyl]-2-methylphenoxy]acetic acid 673483-79-99, 4-[[[3,3-Bis(4'-methoxyfuran-2-yl)phenyl]-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-81-39, 4-[[[3,3-Bis[4-(4-methylfuran-2-yl)phenyl]-2-ethoxallyl]sulfanyl]-2-methylphenoxy]acetic acid 673483-84-69, 4-[[[3,3-Bis(4-(4-chlorothiophen-2-yl)phenyl)-2-ethoxallyl]sulfanyl]-2-methylphenoxy]acetic acid 673483-87-99, 4-[[[3,3-Bis(4-(4-chlorothiophen-2-yl)phenyl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-89-19, 4-[[[3,3-Bis(4-(4-acetylthiophen-2-yl)phenyl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-91-59, 4-[[[3,3-Bis(4-(4-methylthiophen-2-yl)phenyl)-2-ethoxallyl]oxy]-2-methylphenoxy]acetic acid 673483-93-79, 4-[[[3,3-Bis(4-(n-undecyl



RN 673482-66-1 CAPLUS
CN Acetic acid, [4-[[[2-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)methylene]butyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

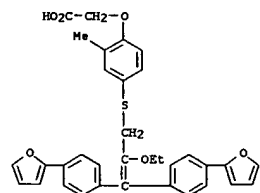


RN 673482-71-8 CAPLUS
CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[(1,1'-biphenyl)-4-yl]-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

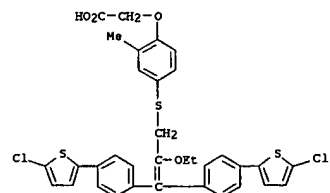


RN 673482-73-0 CAPLUS
CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[(4-(5-methyl-2-furanyl)phenyl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

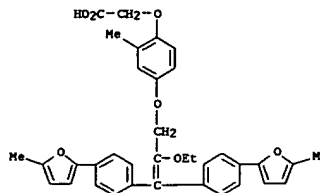
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[(4-(2-furanyl)phenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



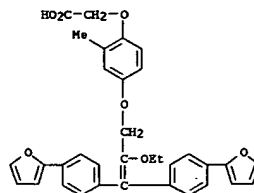
RN 673482-81-0 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(5-chloro-2-thienyl)phenyl]-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



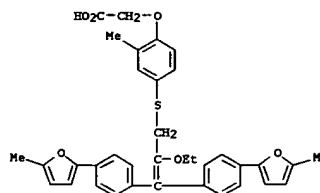
RN 673482-83-2 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(5-chloro-2-thienyl)phenyl]-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



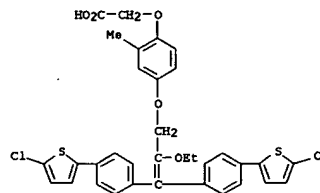
RN 673482-75-2 CAPLUS
CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[(4-(2-furanyl)phenyl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



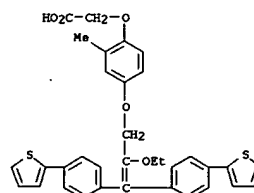
RN 673482-77-4 CAPLUS
CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[(4-(5-methyl-2-furanyl)phenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



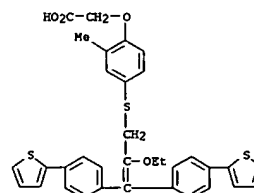
RN 673482-79-6 CAPLUS



RN 673482-85-4 CAPLUS
CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[(4-(2-thienyl)phenyl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

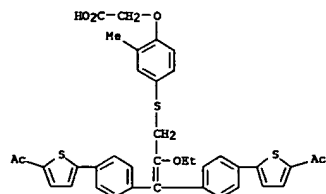


RN 673482-87-6 CAPLUS
CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[(4-(2-thienyl)phenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

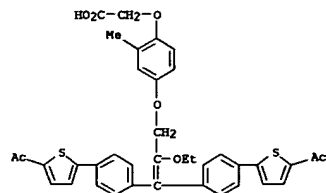


RN 673482-89-8 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[3,3-bis(4-(5-acetyl-2-thienyl)phenyl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

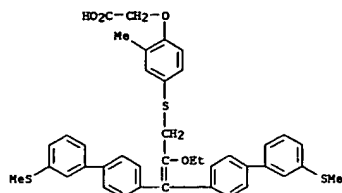


RN 673482-91-2 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4-(5-acetyl-2-thienyl)phenyl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

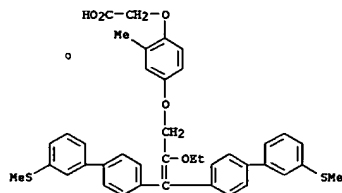


RN 673482-92-3 CAPLUS
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis(3'-(methylthio)[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

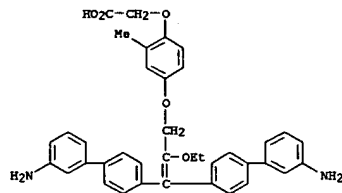
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673482-94-5 CAPLUS
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis(3'-(methylthio)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

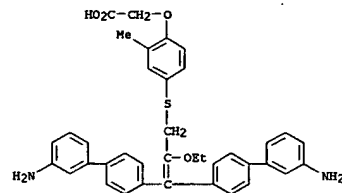


RN 673482-96-7 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-amino[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

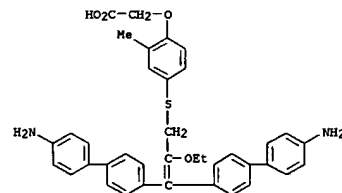


RN 673482-99-0 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[3,3-bis(3'-amino[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

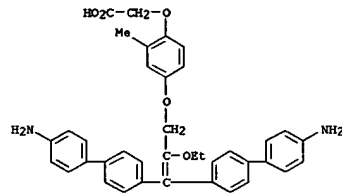


RN 673483-02-8 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-amino[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

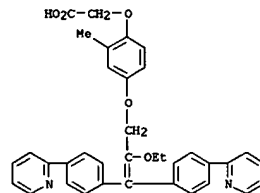


RN 673483-03-9 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-amino[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

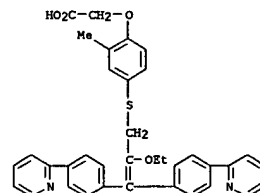
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673483-06-2 CAPLUS
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis(4-(2-pyridinyl)phenyl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

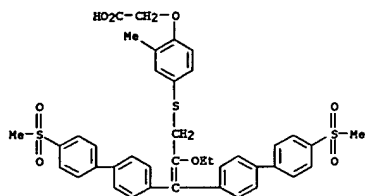


RN 673483-09-5 CAPLUS
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis(4-(2-pyridinyl)phenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

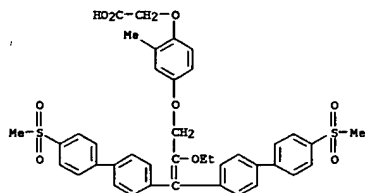


RN 673483-10-8 CAPLUS

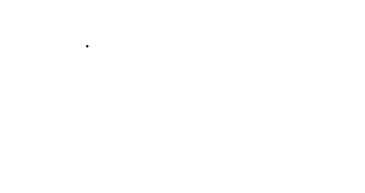
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



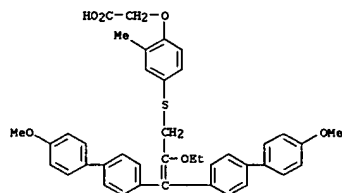
RN 673483-13-1 CAPLUS
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



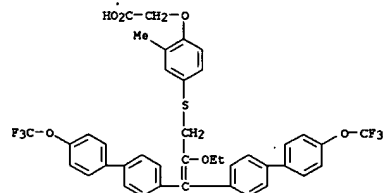
RN 673483-16-4 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis[3'-[(dimethylamino)carbonyl][1,1'-biphenyl]-4-yl]-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 RN 673483-23-3 CAPLUS
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[4'-(methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



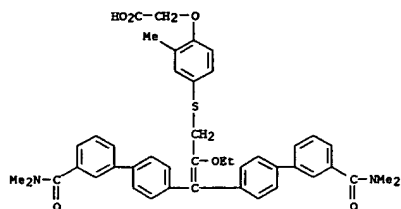
RN 673483-26-6 CAPLUS
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[4'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



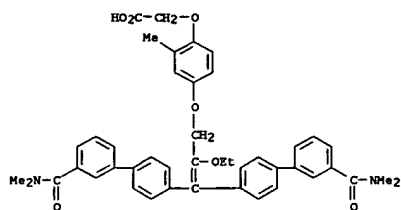
RN 673483-29-9 CAPLUS
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[4'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



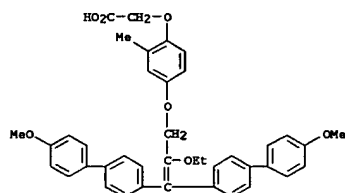
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



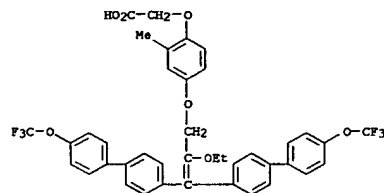
RN 673483-19-7 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis[3'-[(dimethylamino)carbonyl][1,1'-biphenyl]-4-yl]-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



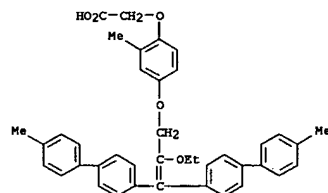
RN 673483-22-2 CAPLUS
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[4'-(methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



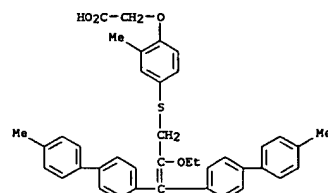
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673483-32-4 CAPLUS
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[4'-(methyl[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

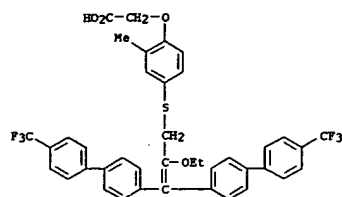


RN 673483-36-8 CAPLUS
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[4'-(methyl[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

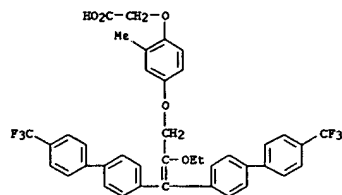


RN 673483-39-1 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis(4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

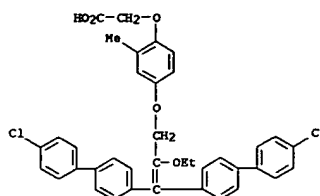


RN 673483-42-6 CAPLUS
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis(4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

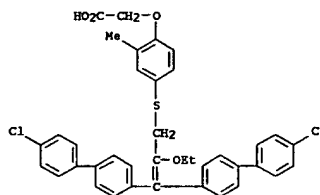


RN 673483-43-7 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-chloro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

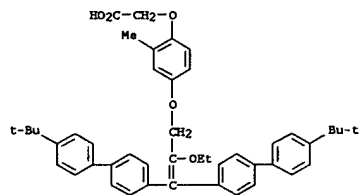
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673483-46-0 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-chloro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

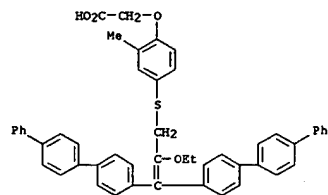


RN 673483-48-2 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-(1,1-dimethylethyl)[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

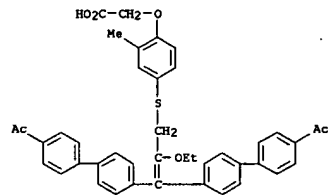


RN 673483-50-6 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis(4'-(1,1'-terphenyl)-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

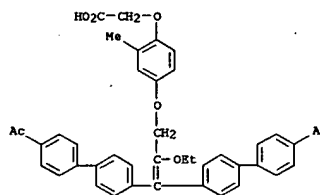


RN 673483-52-8 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-acetyl[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

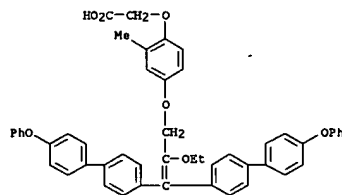


RN 673483-55-1 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-acetyl[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

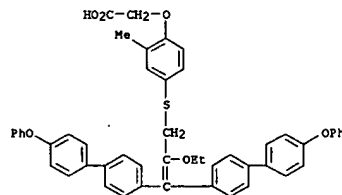
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673483-57-3 CAPLUS
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis(4'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

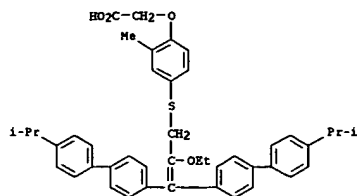


RN 673483-59-5 CAPLUS
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis(4'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

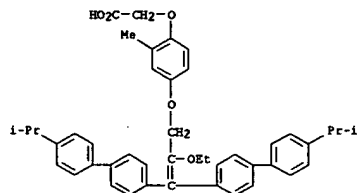


RN 673483-61-9 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[2-ethoxy-3,3-bis[4'-(1-methylethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

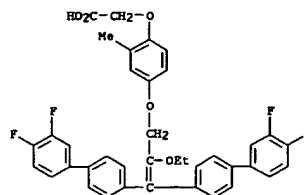


RN 673483-63-1 CAPLUS
 CN Acetic acid, [4-[[2-ethoxy-3,3-bis[4'-(1-methylethyl)[1,1'-biphenyl]-4-yl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

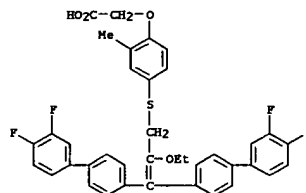


RN 673483-65-3 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(3',4'-difluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

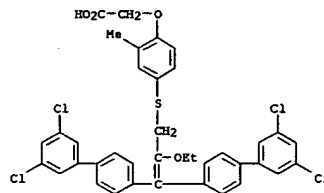
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673483-67-5 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(3',4'-difluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

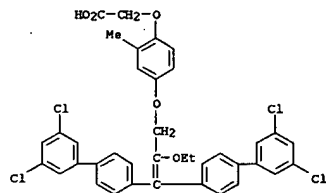


RN 673483-70-0 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(3',5'-difluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

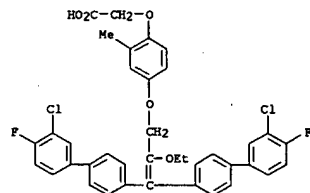


RN 673483-72-2 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[3,3-bis(3',5'-dichloro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

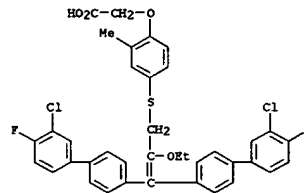


RN 673483-74-4 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

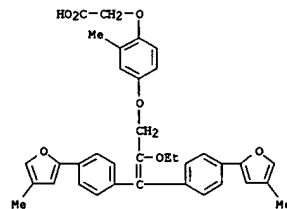


RN 673483-77-7 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

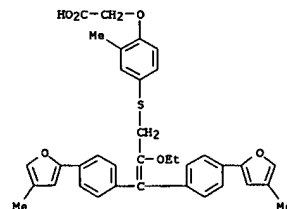
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673483-79-9 CAPLUS
 CN Acetic acid, [4-[[2-ethoxy-3,3-bis[4-(4-methyl-2-furanyl)phenyl]-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

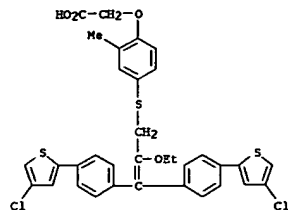


RN 673483-81-3 CAPLUS
 CN Acetic acid, [4-[[2-ethoxy-3,3-bis[4-(4-methyl-2-furanyl)phenyl]-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

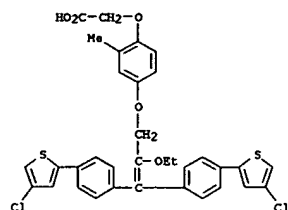


L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

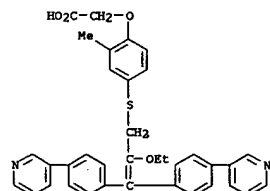
RN 673483-84-6 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(4-chloro-2-thienyl)phenyl]-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



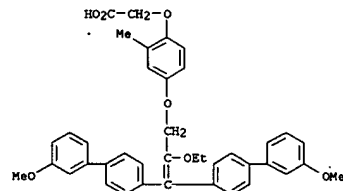
RN 673483-87-9 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(4-chloro-2-thienyl)phenyl]-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



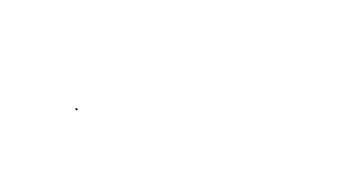
RN 673483-89-1 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(4-acetyl-2-thienyl)phenyl]-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



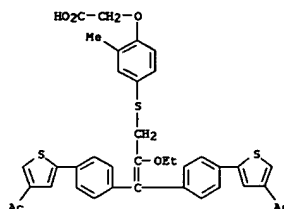
RN 673483-97-1 CAPLUS
CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[3'-methoxy[1,1'-biphenyl]-4-yl]-2-propenyl]oxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



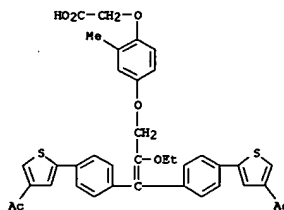
RN 673483-99-3 CAPLUS
CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[3'-methoxy[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



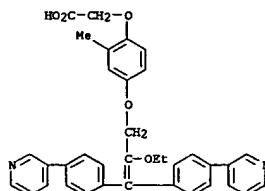
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



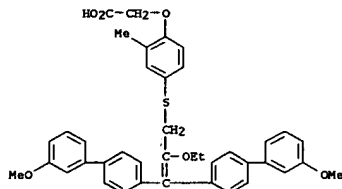
RN 673483-91-5 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(4-acetyl-2-thienyl)phenyl]-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



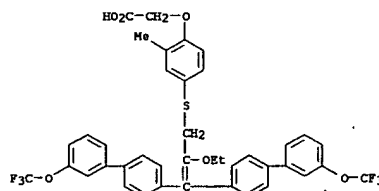
RN 673483-93-7 CAPLUS
CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[4-(3-pyridinyl)phenyl]-2-propenyl]oxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



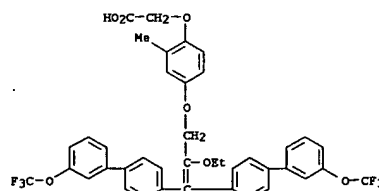
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-01-0 CAPLUS
CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[3'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

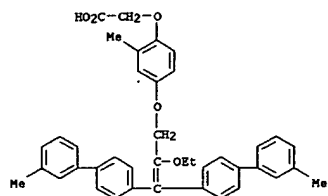


RN 673484-03-2 CAPLUS
CN Acetic acid, [4-[[[2-ethoxy-3,3-bis[3'-(trifluoromethoxy)[1,1'-biphenyl]-4-yl]-2-propenyl]oxy]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

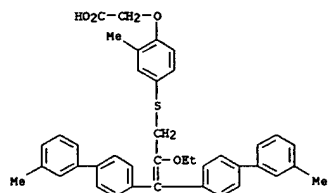


RN 673484-05-4 CAPLUS

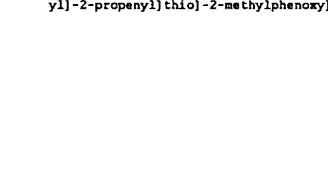
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, {4-[[[2-ethoxy-3,3-bis(3'-methyl[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]}- (9CI) (CA INDEX NAME)



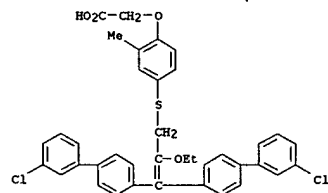
RN 673484-07-6 CAPLUS
 CN Acetic acid, {4-[[[2-ethoxy-3,3-bis(3'-methyl[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]}- (9CI) (CA INDEX NAME)



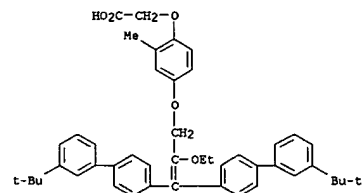
RN 673484-09-8 CAPLUS
 CN Acetic acid, {4-[[[2-ethoxy-3,3-bis(3'-(trifluoromethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]}- (9CI) (CA INDEX NAME)



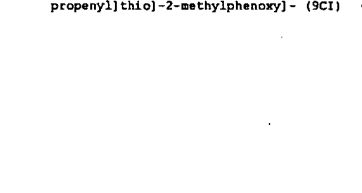
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, {4-[[[3,3-bis(3'-chloro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]}- (9CI) (CA INDEX NAME)



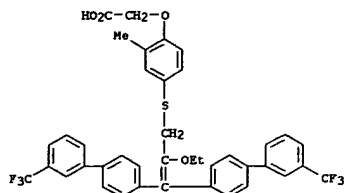
RN 673484-17-8 CAPLUS
 CN Acetic acid, {4-[[[3,3-bis(3'-(1,1-dimethylethyl)[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]}- (9CI) (CA INDEX NAME)



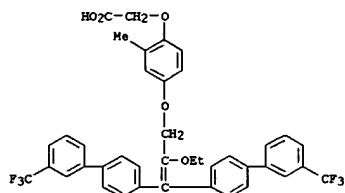
RN 673484-19-0 CAPLUS
 CN Acetic acid, {4-[[[3,3-bis(3'-acetyl[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]}- (9CI) (CA INDEX NAME)



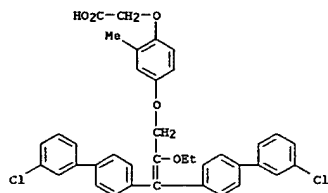
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-11-2 CAPLUS
 CN Acetic acid, {4-[[[3,3-bis(3'-chloro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]}- (9CI) (CA INDEX NAME)

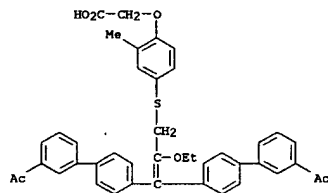


RN 673484-13-4 CAPLUS
 CN Acetic acid, {4-[[[3,3-bis(3'-chloro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]}- (9CI) (CA INDEX NAME)

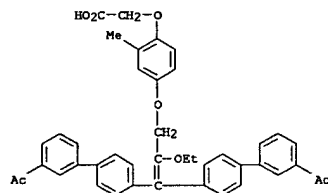


RN 673484-15-6 CAPLUS

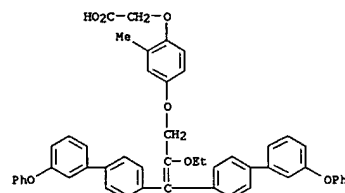
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-21-4 CAPLUS
 CN Acetic acid, {4-[[[3,3-bis(3'-acetyl[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]}- (9CI) (CA INDEX NAME)

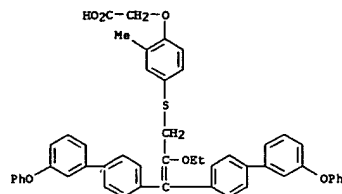


RN 673484-23-6 CAPLUS
 CN Acetic acid, {4-[[[3,3-bis(3'-phenoxy[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]}- (9CI) (CA INDEX NAME)

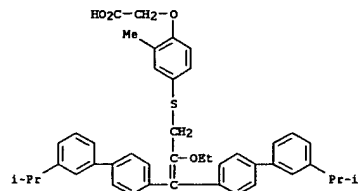


RN 673484-25-8 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis(3'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

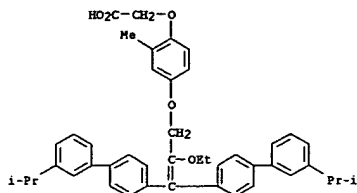


RN 673484-27-0 CAPLUS
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis(3'-(1-methylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

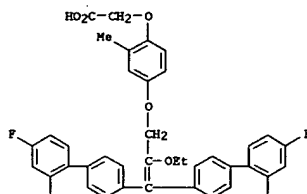


RN 673484-29-2 CAPLUS
 CN Acetic acid, [4-[[[2-ethoxy-3,3-bis(3'-(1-methylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

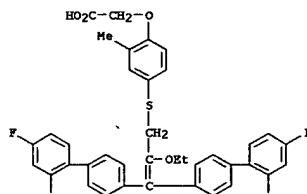
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-31-6 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2',4'-difluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

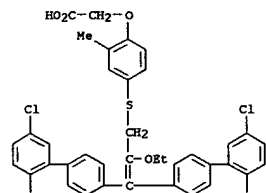


RN 673484-33-8 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2',4'-difluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

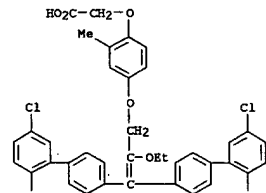


RN 673484-35-0 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[3,3-bis(2',5'-dichloro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

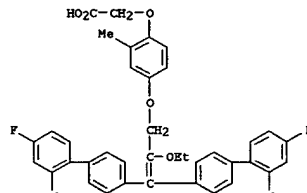


RN 673484-37-2 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2',5'-dichloro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

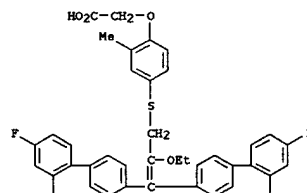


RN 673484-39-4 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]oxy]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

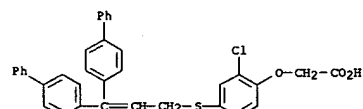
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



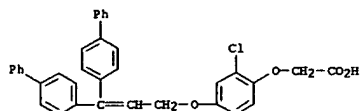
RN 673484-41-8 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(2'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-ethoxy-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



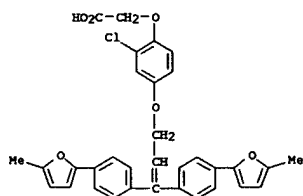
RN 673484-43-0 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis([1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



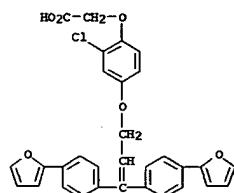
RN 673484-45-2 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis([1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



RN 673484-47-4 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(5-methyl-2-furanyl)phenyl]-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

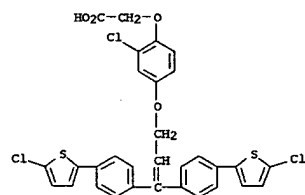


RN 673484-49-6 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(2-furanyl)phenyl]-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

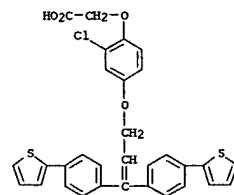


RN 673484-51-0 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(5-methyl-2-furanyl)phenyl]-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

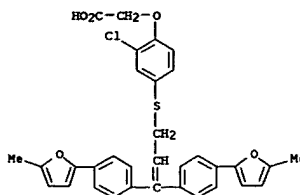
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
CN Acetic acid, [4-[[[3,3-bis[4-(5-chloro-2-thienyl)phenyl]-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



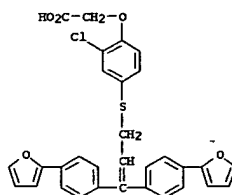
RN 673484-58-7 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(2-thienyl)phenyl]-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



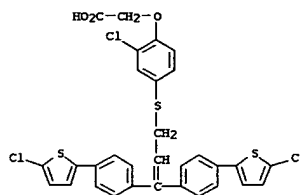
RN 673484-60-1 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(2-thienyl)phenyl]-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



RN 673484-53-2 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(2-furanyl)phenyl]-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

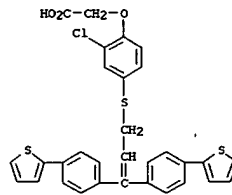


RN 673484-54-3 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(5-chloro-2-thienyl)phenyl]-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

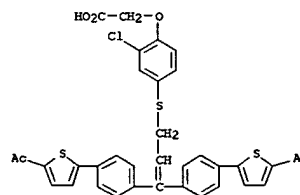


RN 673484-56-5 CAPLUS

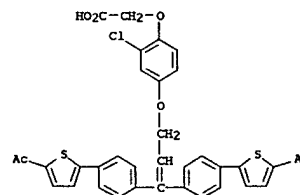
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-62-3 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(5-acetyl-2-thienyl)phenyl]-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

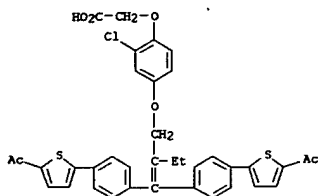


RN 673484-63-4 CAPLUS
CN Acetic acid, [4-[[[3,3-bis[4-(5-acetyl-2-thienyl)phenyl]-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

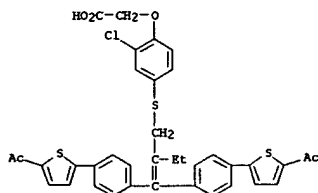


RN 673484-64-5 CAPLUS

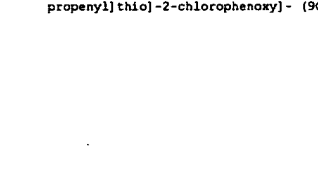
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[2-[[bis[4-(5-acetyl-2-thienyl)phenyl]methylene]butoxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



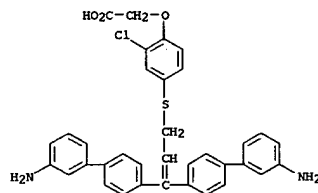
RN 673484-65-6 CAPLUS
 CN Acetic acid, [4-[[2-[[bis[4-(5-acetyl-2-thienyl)phenyl]methylene]butoyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



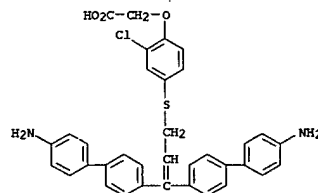
RN 673484-66-7 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(3'-(methylthio)[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



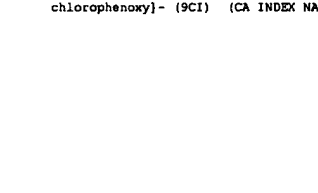
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[3,3-bis(3'-amino[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



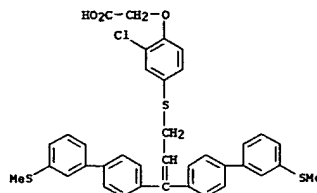
RN 673484-71-4 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(4'-amino[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



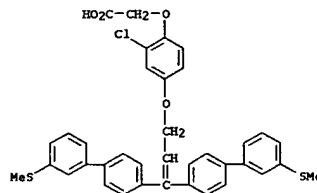
RN 673484-72-5 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(4'-amino[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



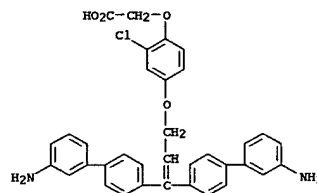
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-67-8 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(3'-(methylthio)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

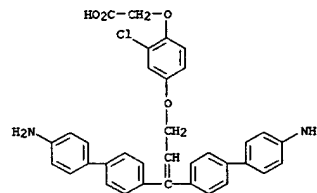


RN 673484-68-9 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(3'-amino[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

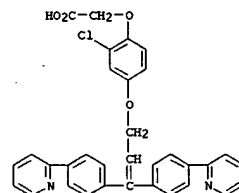


RN 673484-69-0 CAPLUS

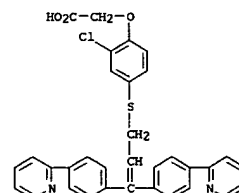
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-73-6 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(4-(2-pyridinyl)phenyl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

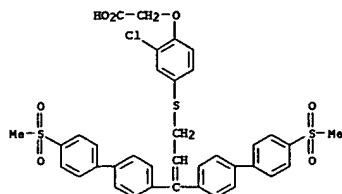


RN 673484-74-7 CAPLUS
 CN Acetic acid, [4-[[3,3-bis(4-(2-pyridinyl)phenyl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

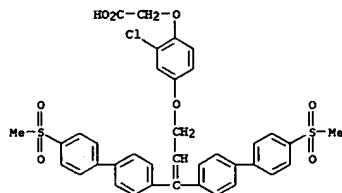


RN 673484-75-8 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[3,3-bis(4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

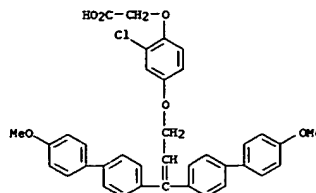


RN 673484-76-9 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

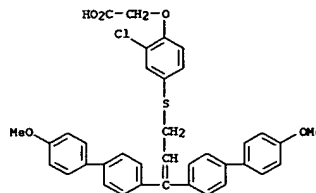


RN 673484-77-0 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-(methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

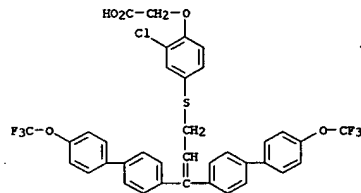
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-78-1 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-(methoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

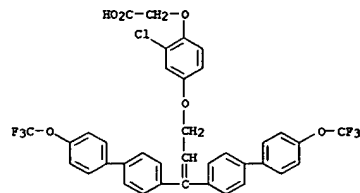


RN 673484-79-2 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-(trifluoromethoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

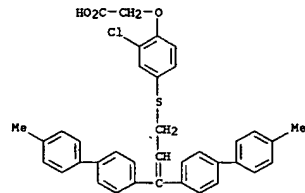


RN 673484-80-5 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[3,3-bis(4'-(trifluoromethoxy[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

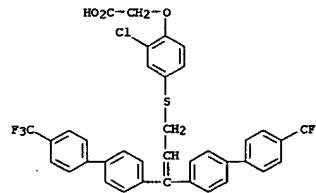


RN 673484-81-6 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-(methyl[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

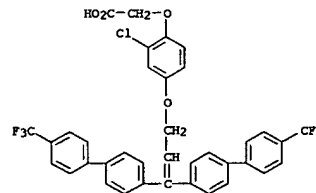


RN 673484-82-7 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-(trifluoromethyl[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

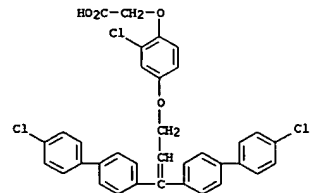
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-83-8 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-(trifluoromethyl[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

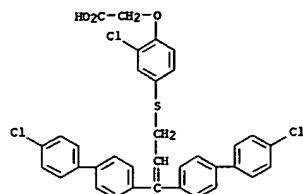


RN 673484-84-9 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-(chloro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

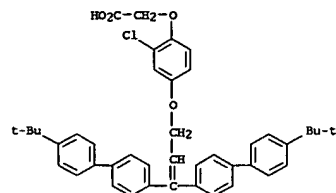


RN 673484-85-0 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[3,3-bis(4'-chloro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

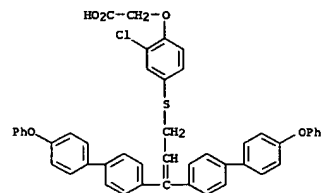


RN 673484-86-1 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-((1,1-dimethylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

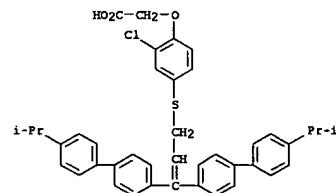


RN 673484-87-2 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-((1,1':4',1''-terphenyl)-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[3,3-bis(4'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



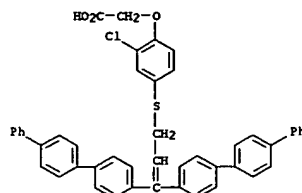
RN 673484-91-8 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-((1-methylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



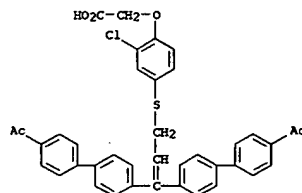
RN 673484-92-9 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-((1-methylethyl)[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)



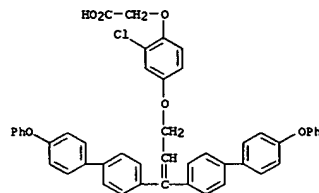
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-88-3 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-acetyl[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

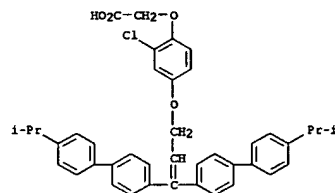


RN 673484-89-4 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4'-phenoxy[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

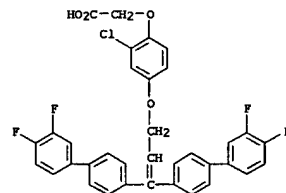


RN 673484-90-7 CAPLUS

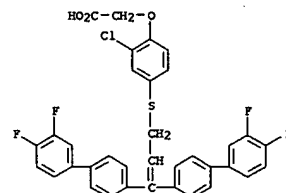
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673484-93-0 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3',4'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

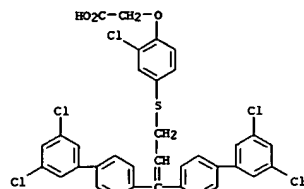


RN 673484-94-1 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3',4'-difluoro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

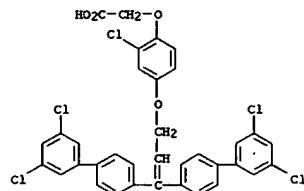


RN 673484-96-3 CAPLUS

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 CN Acetic acid, [4-[[[3,3-bis(3',5'-dichloro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

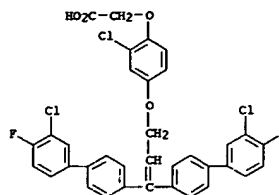


RN 673484-97-4 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

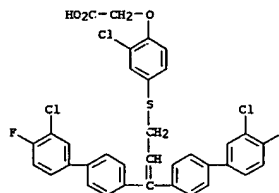


RN 673484-98-5 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl]oxy]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

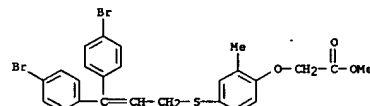


RN 673484-99-6 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(3'-chloro-4'-fluoro[1,1'-biphenyl]-4-yl)-2-propenyl]thio]-2-chlorophenoxy]- (9CI) (CA INDEX NAME)

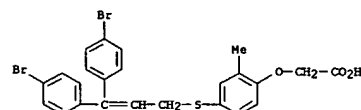


IT 673479-08-8P, [4-[[[3,3-Bis(4-bromophenyl)allyl]sulfanyl]-2-methylphenoxy]acetic acid methyl ester 673479-09-9P, [4-[[[3,3-Bis(4-bromophenyl)allyl]sulfanyl]-2-methylphenoxy]acetic acid 673479-20-4P, [4-[[[3,3-Bis(4-(pyridin-3-yl)phenyl)allyl]sulfanyl]-2-trifluoromethylphenoxy]acetic acid ethyl ester
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (intermediate; preparation of di(hetero)arylvinylic carboxylic acids as PPAR δ agonists for treatment of diabetes and related conditions)
 RN 673479-08-8 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4-bromophenyl)-2-propenyl]thio]-2-methylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)

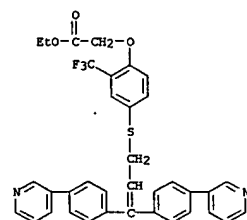
L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 673479-09-9 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4-bromophenyl)-2-propenyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 673479-20-4 CAPLUS
 CN Acetic acid, [4-[[[3,3-bis(4-(3-pyridinyl)phenyl)-2-propenyl]thio]-2-(trifluoromethyl)phenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ibib abs 1-3

10/6931616 8/13/05

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* * * * * STN Columbus * * * * *

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=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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STRUCTURE FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7

DICTIONARY FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7

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*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

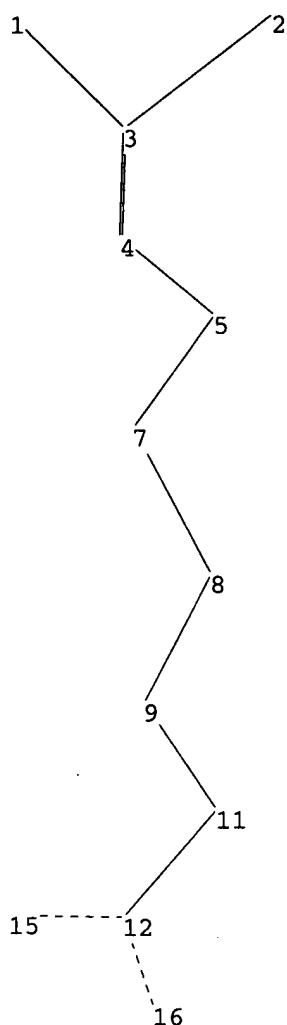
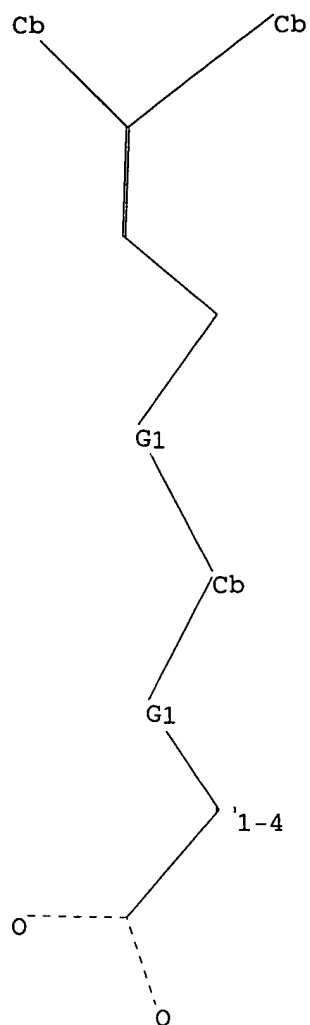
Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10693161\10693161b.str



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chain nodes :
1 2 3 4 5 7 8 9 11 12 15 16
chain bonds :
1-3 2-3 3-4 4-5 5-7 7-8 8-9 9-11 11-12 12-15 12-16
exact/norm bonds :
5-7 7-8 8-9 9-11 12-15 12-16
exact bonds :
1-3 2-3 3-4 4-5 11-12

```

G1:O,S

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Match level :
1:Atom 2:Atom 3:CLASS 4:CLASS 5:CLASS 7:CLASS 8:Atom 9:CLASS 11:CLASS
12:CLASS 15:CLASS 16:CLASS

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L1 STRUCTURE UPLOADED

```

=> d
L1 HAS NO ANSWERS
L1 STR

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* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s L1

SAMPLE SEARCH INITIATED 17:13:10 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 53506 TO ITERATE

3.7% PROCESSED 2000 ITERATIONS 2 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 632

L2 2 SEA SSS SAM L1

=> s L1 full

FULL SEARCH INITIATED 17:13:18 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

< 93.6% PROCESSED 1000000 ITERATIONS 505 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.15

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 505

L3 505 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	161.76	161.97

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FILE COVERS 1907 - 13 Aug 2005 VOL 143 ISS 8
FILE LAST UPDATED: 12 Aug 2005 (20050812/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L3

L4 3 L3

=> d ibib abs 1-3

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:370892 CAPLUS
DOCUMENT NUMBER: 140:374984
TITLE: Preparation of ((diaryllallyl)sulfanyl)phenoxy)acetic acids and esters as PPAR activators for treatment of diabetes and related conditions
INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Petersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037776	A2	20040506	WO 2003-DK722	20031027
WO 2004037776	A3	20040610		
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG.				
US 2005070583	A1	20050331	US 2003-693161	20031024
CA 2503280	AA	20040506	CA 2003-2503280	20031027
EP 1558572	A2	20050803	EP 2003-757741	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK.				
PRIORITY APPLN. INFO.: DK 2002-1631 A 20021028				
DK 2003-793 A 20030526				
US 2002-423467P P 20021104				
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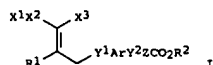
OTHER SOURCE(S): MARPAT 140:374984
GI

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:370891 CAPLUS
DOCUMENT NUMBER: 140:391127
TITLE: Preparation of biphenylallylsulfanylphenoxy)acetates and related compounds for treating peroxisome proliferator activated receptor (PPAR) mediated diseases
INVENTOR(S): Jeppesen, Lone; Petersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 69 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

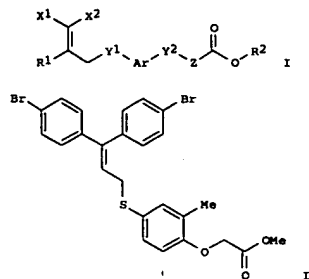
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WO 2004037775	A1	20040506	WO 2003-DK723	20031027
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG.				
US 2005080115	A1	20050414	US 2003-692561	20031024
CA 2503276	AA	20040506	CA 2003-2503276	20031027
EP 1558571	A1	20050803	EP 2003-757742	20031027
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PRIORITY APPLN. INFO.: DK 2002-1629 A 20021028				
US 2002-423644P P 20021104				
WO 2003-DK723 W 20031027				

OTHER SOURCE(S): MARPAT 140:391127
GI



AB Title compds. [I; X1, X3 = (substituted) aryl, heteroaryl; X2, Ar = (substituted) aryl, arylene; Y1, Y2 = O, S; Z = (CH2)n; n = 1-3; R1 = H, halo, (substituted) alkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, heteroalkyl, alkoxy, cycloalkoxy, alkylthio, etc.; R2 = H, alkyl, cycloalkyl, alkenyl, alkynyl, aryl, etc.], were prepared for treatment of PPAR mediated disease (no data). Thus, [4-[3-bis-(4-bromophenyl)allylsulfanyl]-2-methylphenoxy)acetic acid (preparation given),

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



AB Title compds. I (wherein X1 and X2 = independently (un)substituted (hetero)aryl; Ar = (un)substituted arylene; Y1 and Y2 = independently O or S; Z = (CH2)n; n = 1-3; R1 = H, halo, or optionally halo-substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, or arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, alkenyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomeric forms, stereoisomers, mixts. of stereoisomers, or polymorphs thereof) were prepared as peroxisome proliferator activated receptors (PPAR) activators (no data). Thus, I and their pharmaceutical compns. are useful for the treatment and/or prevention of conditions mediated by PPAR, particularly subtype PPARδ, such as diabetes, impaired glucose tolerance, insulin resistance, obesity, dyslipidemia, syndrome X, cardiovascular disease, and hypercholesterolemia (no data).
For example, coupling of 4,4'-dibromobenzophenone with tri-Et phosphonacetate in toluene and THF using NaH provided Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction of the ester to the alc. (76%) using DIBAL-H in THF and toluene, followed by reaction with (4-mercapto-2-methylphenoxy)acetic acid Me ester in the presence of ADPP and tributylphosphine in THF gave II (88%).

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

PhB(OH)2, KF, Pd2(dba)3, and Pd(PtBu)3]2 were stirred in THF to give [4-[3-biphenyl-4-yl-3-(4-bromophenyl)allylsulfanyl]phenoxy)acetic acid.

ACCESSION NUMBER: 2004:220310 CAPLUS
DOCUMENT NUMBER: 140:270625TITLE: Preparation of
[[[bis(biphenyl)allyl]oxy]phenoxy]acetic acids and analogs as PPAR δ agonists for
treatment of diabetes and related conditionsINVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson,
Ingrid; Sauerberg, Per

PATENT ASSIGNEE(S): Novo Nordisk A/s, Den.

SOURCE: PCT Int. Appl., 78 pp.

CODEN: PIXXD2

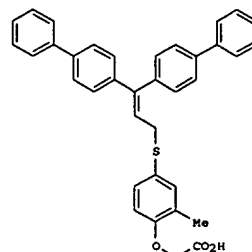
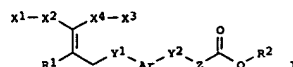
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2499380	AA	20040318	CA 2003-2499380	20030904
US 2004143006	A1	20040722	US 2003-654699	20030904
EP 1537076	A1	20050608	EP 2003-793608	20030904
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRIORITY APPLN. INFO.:			DK 2002-1301	A 20020905
			DK 2003-784	A 20030523
			US 2002-409814P	P 20020911
			WO 2003-DK578	W 20030904

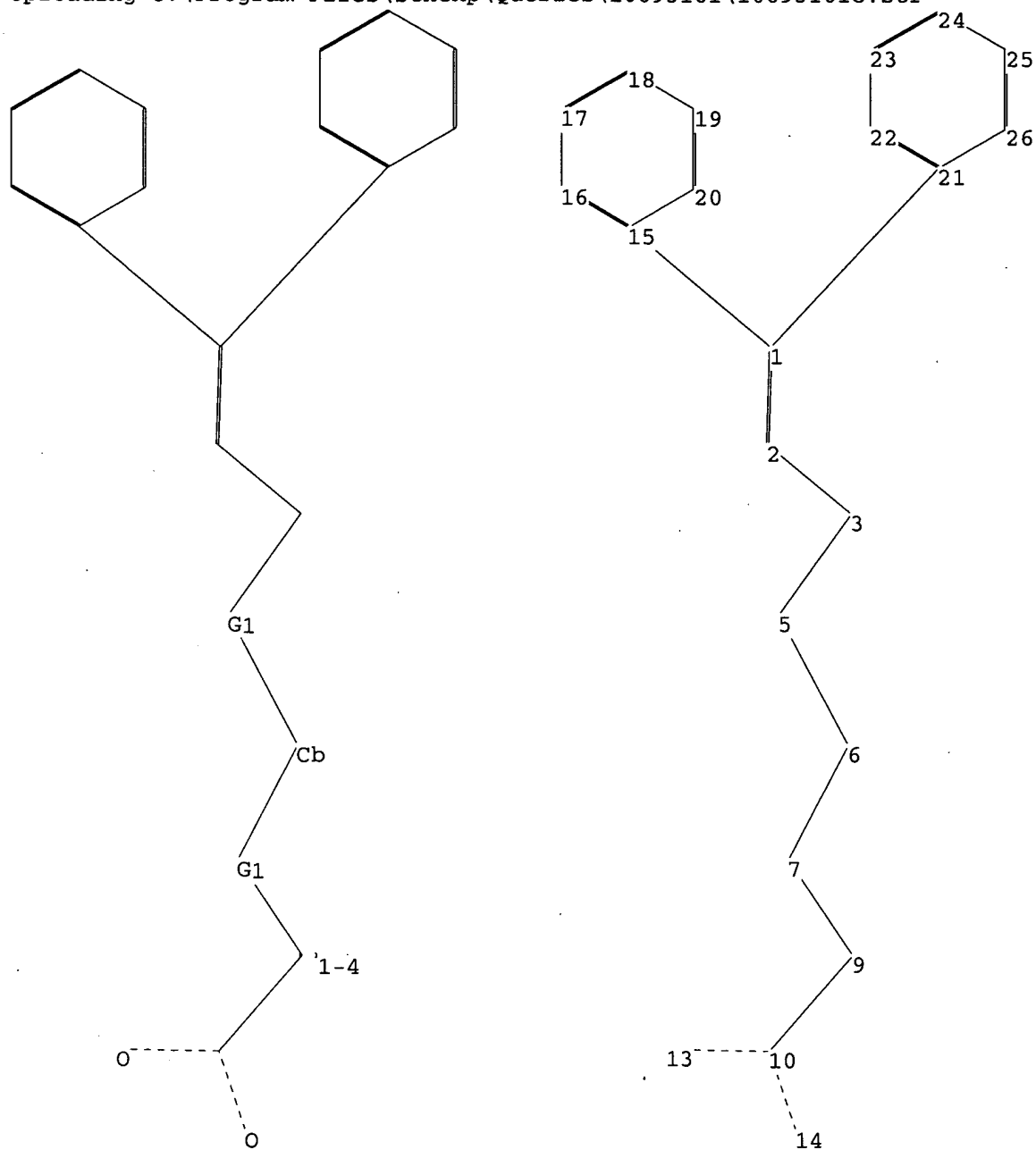
OTHER SOURCE(S): MARPAT 140:270625
GIAB Title vinyl carboxylic acid derivs. I [wherein X¹ and X³ = independently (un)substituted (hetero)aryl; X² and X⁴ = independently (un)substituted (hetero)arylene; Ar = (un)substituted arylene; Y¹ and Y² = independentlyO or S; Z = (CH₂)_n; n = 1-3; R¹ = H, halo, or (un)substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, arylthio; R² = H, (cyclo)alkyl, alkenyl, alkynyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomers, stereoisomers, or polymorphs thereof] were prepared as peroxisomeproliferator-activated receptor δ (PPAR δ) agonists (no data). For example, 4,4'-dibromobenzophenone was coupled with tri-Et phosphonoacetate in the presence of NaH in toluene to give Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction using DIBAL-H in THF (76%), followed by ADMP-catalyzed condensation with (4-mercapto-2-methylphenoxy)acetic acid Me ester in THF (88%) afforded [4-[3,3-bis(4-bromophenyl)allyl]sulfanyl]-2-methylphenoxy)acetic acid Me ester. Saponification (93%) and substitution with phenylboronic acid using KF, Pd₂(dba)₃, and Pd[P(t-Bu)₃]₂ in THF (53%) provided II. Also disclosed is the use of I and their pharmaceutical compns. for the treatment of PPAR δ -mediated conditions, such as diabetes, impaired glucose tolerance, insulin resistance, or obesity (no data).

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

=>

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chain nodes :

1 2 3 5 6 7 9 10 13 14

ring nodes :

15 16 17 18 19 20 21 22 23 24 25 26

chain bonds :

1-2 1-15 1-21 2-3 3-5 5-6 6-7 7-9 9-10 10-13 10-14

ring bonds :

15-16 15-20 16-17 17-18 18-19 19-20 21-22 21-26 22-23 23-24 24-25 25-26

exact/norm bonds :

3-5 5-6 6-7 7-9 10-13 10-14

exact bonds :

1-2 1-15 1-21 2-3 9-10

normalized bonds :

15-16 15-20 16-17 17-18 18-19 19-20 21-22 21-26 22-23 23-24 24-25 25-26

G1:O,S

Match level :

1:CLASS 2:CLASS 3:CLASS 5:CLASS 6:Atom 7:CLASS 9:CLASS 10:CLASS 13:CLASS
14:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom
23:Atom 24:Atom 25:Atom 26:Atom

L5 STRUCTURE UPLOADED

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-2.19	-2.19

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STRUCTURE FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7

DICTIONARY FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7

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*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

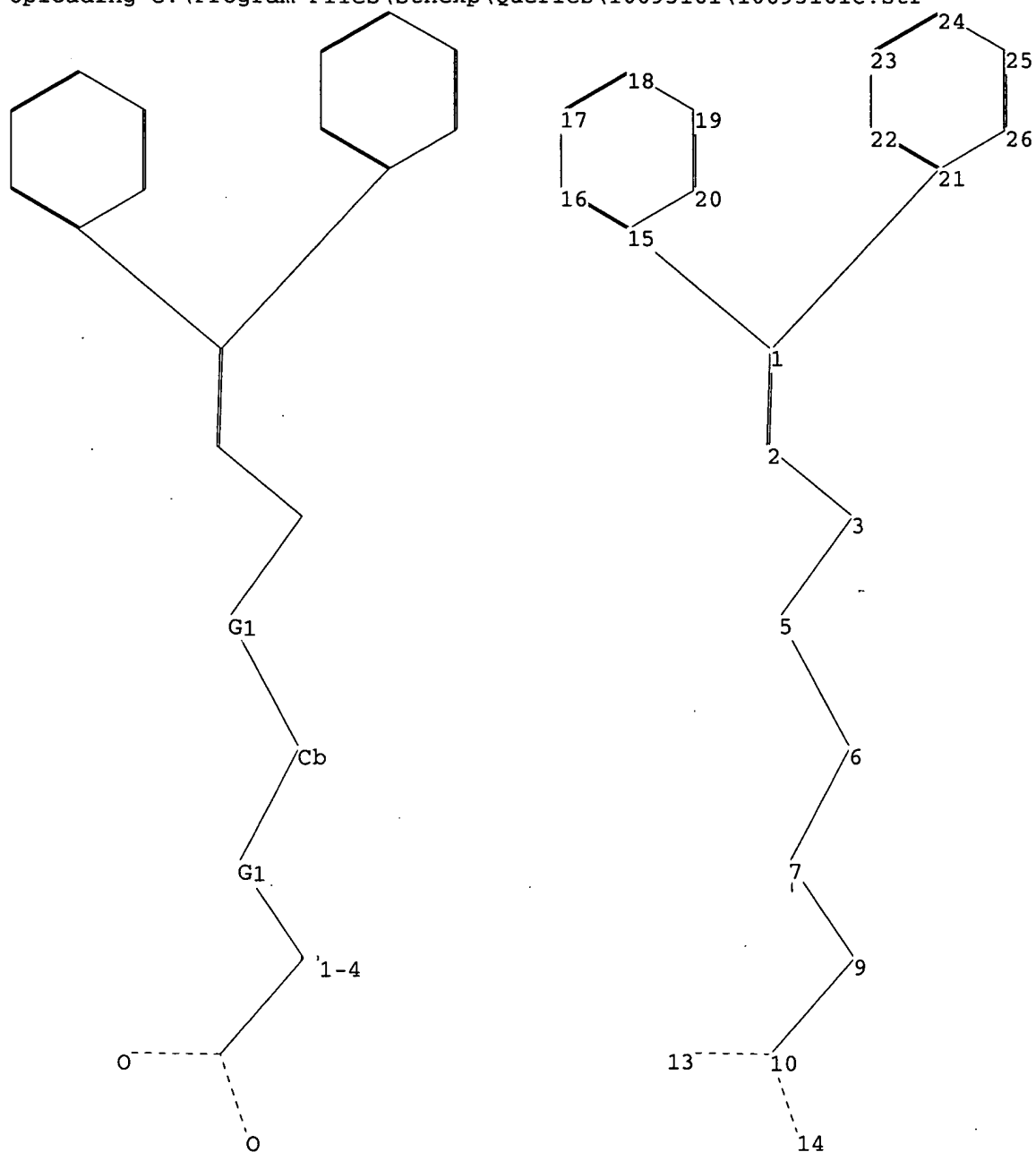
Structure search iteration limits have been increased. See HELP SLIMITS
for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

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chain nodes :

1 2 3 5 6 7 9 10 13 14

ring nodes :

15 16 17 18 19 20 21 22 23 24 25 26

chain bonds :

1-2 1-15 1-21 2-3 3-5 5-6 6-7 7-9 9-10 10-13 10-14

ring bonds :

15-16 15-20 16-17 17-18 18-19 19-20 21-22 21-26 22-23 23-24 24-25 25-26

exact/norm bonds :

3-5 5-6 6-7 7-9 10-13 10-14

exact bonds :
1-2 1-15 1-21 2-3 9-10
normalized bonds :
15-16 15-20 16-17 17-18 18-19 19-20 21-22 21-26 22-23 23-24 24-25 25-26

G1:O,S

Match level :
1:CLASS 2:CLASS 3:CLASS 5:CLASS 6:Atom 7:CLASS 9:CLASS 10:CLASS 13:CLASS
14:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom
23:Atom 24:Atom 25:Atom 26:Atom

L6 STRUCTURE UPLOADED

=> d
L6 HAS NO ANSWERS
L6 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s L6
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SAMPLE SCREEN SEARCH COMPLETED - 158 TO ITERATE

100.0% PROCESSED 158 ITERATIONS 25 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2406 TO 3914
PROJECTED ANSWERS: 200 TO 800

L7 25 SEA SSS SAM L6

=> s L6 full
FULL SEARCH INITIATED 17:16:31 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3372 TO ITERATE

100.0% PROCESSED 3372 ITERATIONS 505 ANSWERS
SEARCH TIME: 00.00.01

L8 505 SEA SSS FUL L6

=> fil caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	161.33	333.05
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
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CA SUBSCRIBER PRICE	0.00	-2.19

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FILE COVERS 1907 - 13 Aug 2005 VOL 143 ISS 8
FILE LAST UPDATED: 12 Aug 2005 (20050812/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L8

L9 3 L8

=> d ibib abs 1-3

L9 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS ON STN

ACCESSION NUMBER: 2004:370892 CAPLUS

DOCUMENT NUMBER: 140:374984

TITLE: Preparation of [(diaryllallyl)sulfonyl]phenoxy]acetic acids and esters as PPAR activators for treatment of diabetes and related conditions

INVENTOR(S): Jeppesen, Lone; Pattersson, John Patrick; Pattersson, Ingrid; Sauerberg, Per; Pihers, Pavel; Havranek, Miroslav

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.

SOURCE: PCT Int. Appl., 124 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037776	A2	20040506	WO 2003-DK722	20031027
WO 2004037776	A3	20040610		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MG, MH, MK, MN, MO, MP, MQ, MR, MU, MV, MW, MX, MY, MZ, NA, NC, NE, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SN, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2005070583 A1 20050331 US 2003-693161 20031024

CA 2503280 AA 20040506 CA 2003-2503280 20031027

EP 1558572 A2 20050803 EP 2003-757741 20031027

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.: DK 2002-1631 A 20021028

DK 2003-793 A 20030526

US 2002-423467P P 20021104

WO 2003-DK722 W 20031027

OTHER SOURCE(S): MARPAT 140:374984

GI

L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS ON STN

ACCESSION NUMBER: 2004:370891 CAPLUS

DOCUMENT NUMBER: 140:391127

TITLE: Preparation of biphenylallylsulfonylphenoxy]acetates and related compounds for treating peroxisome proliferator activated receptor (PPAR) mediated diseases

INVENTOR(S): Jeppesen, Lone; Pattersson, Ingrid; Sauerberg, Per; Pihers, Pavel; Havranek, Miroslav

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.

SOURCE: PCT Int. Appl., 69 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037775	A1	20040506	WO 2003-DK723	20031027

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US 2005080115 A1 20050414 US 2003-692561 20031024

CA 2503276 AA 20040506 CA 2003-2503276 20031027

EP 1558571 A1 20050803 EP 2003-757742 20031027

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

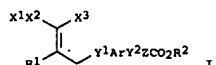
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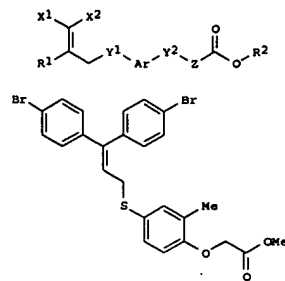
OTHER SOURCE(S): MARPAT 140:391127

GI



AB Title compds. [I; X¹, X³ = (substituted) aryl, heteroaryl; X², Ar = (substituted) aryl, arylene; Y¹, Y² = O, S; Z = (CH₂)_n; n = 1-3; R¹ = H, halo, (substituted) alkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, heteroaryl, alkoxy, cycloalkoxy, alkylthio, etc.; R² = H, alkyl, cycloalkyl, alkenyl, alkynyl, aryl, etc.], were prepared for treatment of PPAR mediated disease (no data). Thus, [4-[3,3-bis-(4-bromophenyl)allylsulfonyl]-2-methylphenoxy]acetic acid (preparation given).

L9 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS ON STN (Continued)



AB Title compds. I [wherein X¹ and X² = independently (un)substituted (hetero)aryl; Ar = (un)substituted arylene; Y¹ and Y² = independently O or

S; Z = (CH₂)_n; n = 1-3; R¹ = H, halo, or optionally halo-substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aryl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, or arylthio; R² = H, (cyclo)alkyl, alkenyl, alkynyl, alkenylmethyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomeric forms, stereoisomers, mixts. of stereoisomers,

or polymorphs thereof] were prepared as peroxisome proliferator activated receptors (PPAR) activators (no data). Thus, I and their pharmaceutical compns. are useful for the treatment and/or prevention of conditions mediated by PPAR, particularly subtype PPAR δ , such as diabetes, impaired glucose tolerance, insulin resistance, obesity, dyslipidemia, syndrome X, cardiovascular disease, and hypercholesterolemia (no data).

For example, coupling of 4,4'-dibromobenzophenone with tri-Et phosphonacetate

in toluene and THF using NaH provided Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction of the ester to the alc. (76%) using DIBAL-H in THF and toluene, followed by reaction with (4-mercapto-2-methylphenoxy)acetic acid

Me ester in the presence of ADPP and tributylphosphine in THF gave II (88%).

L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS ON STN (Continued)

PhB(OH)2, KP, Pd2(dba)₃, and Pd(PtBu)₃2 were stirred in THF to give [4-[3-biphenyl-4-yl-3-(4-bromophenyl)allylsulfonyl]phenoxy]acetic acid.

ACCESSION NUMBER: 2004:220310 CAPLUS

DOCUMENT NUMBER: 140:270625

TITLE: Preparation of

[[[bis(biphenyl)allyl]oxy]phenoxy]ace

tic acids and analogs as PPAR δ agonists for treatment of diabetes and related conditions

Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per

PATENT ASSIGNEE(S): Novo Nordisk A/s, Den.

SOURCE: PCT Int. Appl., 78 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004022533	A1	20040318	WO 2003-DK578	20030904
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CA 2499380	AA	20040318	CA 2003-2499380	20030904
US 2004143006	A1	20040722	US 2003-654699	20030904
EP 1537076	A1	20050608	EP 2003-793608	20030904
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LT, LU, NL, SE, MC, PT, IR, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			

PRIORITY APPLN. INFO.: DK 2002-1301 A 20020905

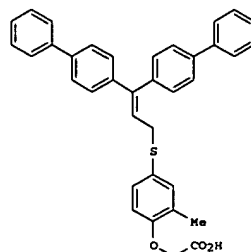
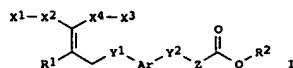
DK 2003-784 A 20030523

US 2002-409814P P 20020911

WO 2003-DK578 W 20030904

OTHER SOURCE(S): MARPAT 140:270625

GI



II

AB Title vinyl carboxylic acid deriva. I (wherein X1 and X3 = independently (un)substituted (hetero)aryl; X2 and X4 = independently (un)substituted (hetero)arylene; Ar = (un)substituted arylene; Y1 and Y2 = independently

O or S; Z = (CH₂)_n; n = 1-3; R1 = H, halo, or (un)substituted (cyclo)alkyl, alkanyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, arylthio; R2 = H, (cyclo)alkyl, alkanyl, alkynyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomers, stereoisomers, or polymorphs thereof] were prepared as

peroxisome proliferator-activated receptor δ (PPAR δ) agonists (no data). For example, 4,4'-dibromobenzophenone was coupled with tri-Et phosphonoacetate in the presence of NaH in toluene to give Et

3,3-bis(4-bromophenyl)acrylate (73%). Reduction using DIBAL-H in THF (76%), followed by ADDP-catalyzed condensation with (4-mercapto-2-methylphenoxy)acetic acid Me ester in THF (88%) afforded

[4-[3,3-bis(4-bromophenyl)allylsulfanyl]-2-methylphenoxy]acetic acid Me ester. Saponification (93%) and substitution with phenylboronic acid using KF, Pd(dba)₃, and Pd[P(t-Bu)]₂ in THF (53%) provided II. Also disclosed is

the use of I and their pharmaceutical compns. for the treatment of PPAR δ -mediated conditions, such as diabetes, impaired glucose tolerance, insulin resistance, or obesity (no data).

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
9.75	342.80

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
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DICTIONARY FILE UPDATES: 12 AUG 2005 HIGHEST RN 860111-75-7

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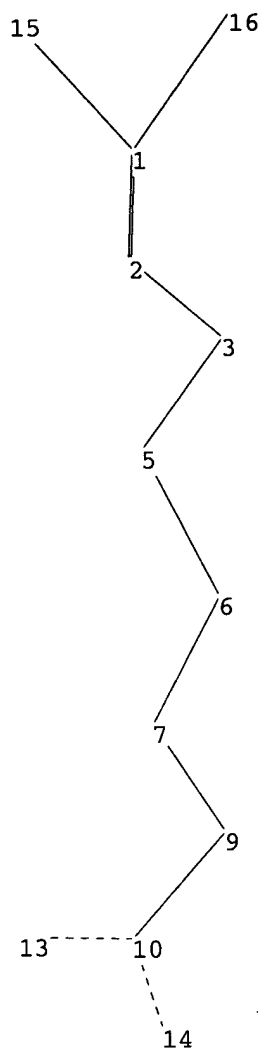
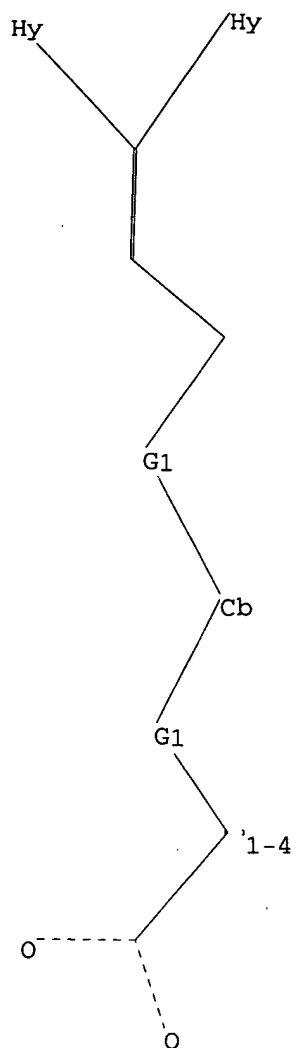
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
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<http://www.cas.org/ONLINE/DBSS/registryss.html>

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 exact bonds :
 1-2 2-3 9-10

G1:O,S

Match level :
 1:CLASS 2:CLASS 3:CLASS 5:CLASS 6:Atom 7:CLASS 9:CLASS 10:CLASS 13:CLASS
 14:CLASS 15:Atom 16:Atom

L10 STRUCTURE UPLOADED

=> d
L10 HAS NO ANSWERS
L10 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s L10
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3.7% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 0

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=> s L10 full
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FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

< 93.6% PROCESSED 1000000 ITERATIONS 8 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.14

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BATCH **COMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 8

L12 8 SEA SSS FUL L10

=> fil caplus		
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	ENTRY	SESSION
FULL ESTIMATED COST	161.33	504.13
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-4.38

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FILE COVERS 1907 - 13 Aug 2005 VOL 143 ISS 8
FILE LAST UPDATED: 12 Aug 2005 (20050812/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L12

L13 2 L12

=> d ibib abs 1-2

L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS ON STN

ACCESSION NUMBER: 2004:370892 CAPLUS
DOCUMENT NUMBER: 140:374984
TITLE: Preparation of ((diaryllallyl)sulfanyl)phenoxy)acetic acids and esters as PPAR activators for treatment of diabetes and related conditions
INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per; Pihers, Pavel; Havranek, Miroslav
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037776	A2	20040506	WO 2003-DK722	20031027
WO 2004037776	A3	20040610		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
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CA 2503280	AA	20040506	CA 2003-2503280	20031027
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PRIORITY APPLN. INFO.:			DK 2002-1631	A 20021028
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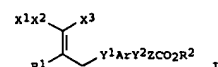
OTHER SOURCE(S): MARPAT 140:374984
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L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS ON STN

ACCESSION NUMBER: 2004:370891 CAPLUS
DOCUMENT NUMBER: 140:391127
TITLE: Preparation of biphenylallylsulfanylphenoxyacetates and related compounds for treating peroxisome proliferator activated receptor (PPAR) mediated diseases
INVENTOR(S): Jeppesen, Lone; Pettersson, Ingrid; Sauerberg, Per; Pihers, Pavel; Havranek, Miroslav
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 69 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

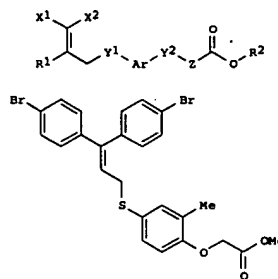
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2005080115	A1	20050414	US 2003-692561	20031024
CA 2503276	AA	20040506	CA 2003-2503276	20031027
EP 1558571	A1	20050803	EP 2003-757742	20031027
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRIORITY APPLN. INFO.:			DK 2002-1629	A 20021028
			US 2002-423644P	P 20021104
			WO 2003-DK723	W 20031027

OTHER SOURCE(S): MARPAT 140:391127
GI



AB Title compds. [I; X1, X3 = (substituted) aryl, heteroaryl; X2, Ar = (substituted) aryl, arylene; Y1, Y2 = O, S; Z = (CH2)n; n = 1-3; R1 = H, halo, (substituted) alkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, heteroalkyl, alkoxy, cycloalkoxy, alkylthio, etc.; R2 = H, alkyl, cycloalkyl, alkenyl, alkynyl, aryl, etc.], were prepared for treatment of PPAR mediated disease (no data). Thus, [4-[3,3-bis-(4-bromophenyl)allylsulfanyl]-2-methylphenoxy]acetic acid (preparation given).

L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS ON STN (Continued)



AB Title compds. I (wherein X1 and X2 = independently (un)substituted (hetero)aryl; Ar = (un)substituted arylene; Y1 and Y2 = independently O or S; Z = (CH2)n; n = 1-3; R1 = H, halo, or optionally halo-substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, or arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, alkenyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomeric forms, stereoisomers, mixts. of stereoisomers, or polymorphs thereof) were prepared as peroxisome proliferator activated receptors (PPAR) activators (no data). Thus, I and their pharmaceutical compns. are useful for the treatment and/or prevention of conditions mediated by PPAR, particularly subtype PPARδ, such as diabetes, impaired glucose tolerance, insulin resistance, obesity, dyslipidemia, syndrome X, cardiovascular disease, and hypercholesterolemia (no data).
For example, coupling of 4,4'-dibromobenzophenone with tri-Et phosphonacetate in toluene and THF using NaH provided Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction of the ester to the alc. (76%) using DIBAL-H in THF and toluene, followed by reaction with (4-mercapto-2-methylphenoxy)acetic acid Me ester in the presence of ADPP and tributylphosphine in THF gave II (88%).

L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS ON STN (Continued)
PhB(OH)2, KF, Pd2(dba)3, and Pd(P(tBu)3)2 were stirred in THF to give [4-[3-biphenyl-4-yl-3-(4-bromophenyl)allylsulfanyl]phenoxy]acetic acid.

=> d ibib abs 1-2 fhitstr

ACCESSION NUMBER: 2004:370892 CAPLUS

DOCUMENT NUMBER: 140:374984

TITLE: Preparation of ((diaryllallyl)sulfanyl)phenoxy)acetic acids and esters as PPAR activators for treatment of diabetes and related conditions

INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.

SOURCE: PCT Int. Appl., 124 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

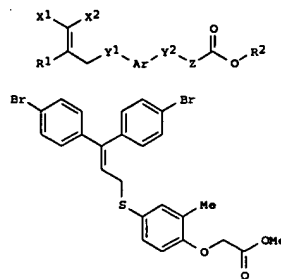
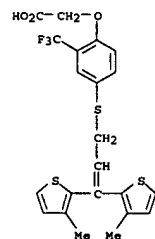
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037776	A2	20040506	WO 2003-DK722	20031027
WO 2004037776	A3	20040610		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005070583	A1	20050331	US 2003-693161	20031024
CA 2503280	AA	20040506	CA 2003-2503280	20031027
EP 1558572	A2	20050803	EP 2003-757741	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.: DK 2002-1631 A 20021028				
DK 2003-793 A 20030526				
US 2002-423467P P 20021104				
WO 2003-DK722 W 20031027				

OTHER SOURCE(S): MARPAT 140:374984

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(Continued)



AB Title compds. I [wherein X1 and X2 = independently (un)substituted (hetero)aryl; Ar = (un)substituted arylene; Y1 and Y2 = independently O or

S; Z = (CH2)n; n = 1-3; R1 = H, halo, or optionally halo-substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, or arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, alkenynyl, or aryl; or pharmaceutically acceptable salts, solvates, tautomeric forms, stereoisomers, mixts. of stereoisomers,

or polymorphs thereof] were prepared as peroxisome proliferator activated receptors (PPAR) activators (no data). Thus, I and their pharmaceutical compns. are useful for the treatment and/or prevention of conditions mediated by PPAR, particularly subtype PPAR δ , such as diabetes, impaired glucose tolerance, insulin resistance, obesity, dyslipidemia, syndrome X, cardiovascular disease, and hypercholesterolemia (no data).

For example, coupling of 4,4'-dibromobenzophenone with tri-Et phosphonacetate in toluene and THF using NaH provided Et 3,3-bis(4-bromophenyl)acrylate (73a). Reduction of the ester to the alc. (76%) using DIBAL-H in THF and toluene, followed by reaction with (4-mercapto-2-methylphenoxy)acetic acid in the presence of ADMP and tributylphosphine in THF gave II

(88%).

IT 685139-48-4P, [4-[[[3,3-bis(3-methylthiophen-2-yl)allyl]sulfanyl]-2-trifluoromethylphenoxy]acetic acid

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(PPAR activator; preparation of ((diaryllallyl)sulfanyl)phenoxy)acetates as PPAR activators for treatment of diabetes and related conditions)

RN 685139-48-4 CAPLUS

CN Acetic acid, [4-[[[3,3-bis(3-methyl-2-thienyl)-2-propenyl]thio]-2-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

ACCESSION NUMBER: 2004:370891 CAPLUS

DOCUMENT NUMBER: 140:391127

TITLE: Preparation of biphenylallylsulfanylphenoxyacetates and related compounds for treating peroxisome proliferator activated receptor (PPAR) mediated diseases

INVENTOR(S): Jeppesen, Lone; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.

SOURCE: PCT Int. Appl., 69 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

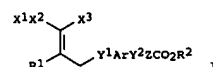
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037775	A1	20040506	WO 2003-DK723	20031027
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005080115	A1	20050414	US 2003-692561	20031024
CA 2503276	AA	20040506	CA 2003-2503276	20031027
EP 1558571	A1	20050803	EP 2003-757742	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.: DK 2002-1629 A 20021028				
US 2002-423464P P 20021104				
WO 2003-DK723 W 20031027				

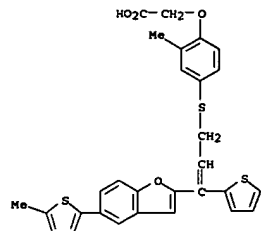
OTHER SOURCE(S): MARPAT 140:391127

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AB Title compds. [I; X1, X3 = (substituted) aryl, heteroaryl; X2, Ar = (substituted) aryl, arylene; Y1, Y2 = O, S; Z = (CH2)n; n = 1-3; R1 = H, halo, (substituted) alkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, heteroalkyl, alkoxy, cycloalkoxy, alkylthio, etc.; R2 = H, alkyl, cycloalkyl, alkenyl, alkynyl, aryl, etc.], were prepared for treatment of PPAR mediated disease (no data). Thus, [4-[[[3,3-bis(4-bromophenyl)allyl]sulfanyl]-2-methylphenoxy]acetic acid (preparation given),

L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 PhB(OH)2, KP, Pd2(dba)3, and Pd[P(tBu)3]2 were stirred in THF to give
 (4-{[3-biphenyl-4-yl-3-(4-bromophenyl)allylsulfanyl]phenoxy}acetic acid.
 IT 686774-28-7p
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (preparation of biphenylallylsulfanylphenoxyacetates and related
 compds. for
 treating peroxisome proliferator activated receptor (PPAR) mediated
 diseases)
 RN 686774-28-7 CAPLUS
 CN Acetic acid,
 [2-methyl-4-([3-{5-(5-methyl-2-thienyl)-2-benzofuranyl}-3-(2-
 thienyl)-2-propenyl]thio)phenoxy]- (9CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS

SINCE FILE
ENTRY
16.08

TOTAL
SESSION
520.21

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE
ENTRY
-2.92

TOTAL
SESSION
-7.30

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